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Oracle APEX - Creating Reports

Description:

BISP is committed to provide BEST learning material to the beginners and advance learners. In the same series, we have prepared a complete end-to end Hands-on Beginner's Guide for Oracle Application Express. The document focuses on creating different types of Reports. Join our professional training program and learn from experts.

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Version	Description Change
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0.1	Review#1

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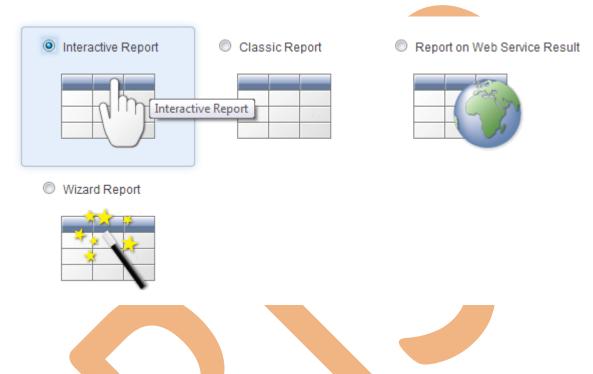
Creating Reports in Oracle Apex Through Application Builder

Report : A document containing information organized in a narrative, graphic, or tabular form, prepared on ad hoc, periodic, recurring, regular, or as required basis. Reports may refer to specific periods, events, occurrences, or subjects, and may be communicated or presented in oral or written form.

Types of Reports Created Through Oracle APEX Application Builder

Here Report for Application Builder is mainly classified into following three types & these are :

- Interactive Report
- Classic Report
- Wizard Report



Step wise procedure of creating these reports :

Step 1: Open web browser & enter URL " http://192.168.1.38:8080/apex " inside address bar & hit Enter key to login into oracle apex developer workspace



Step 2: Fill all the required blank field to login into developer workspace

- Workspace = bhel
- ➢ username =dev01
- Password =*********
- Click on Login to Application Express

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				10	/orkspace					
					bhel					
					sername					
			2		dev01					
	acle Applicatio			ер	assword					
sha	plication deve are data and ing only a We	create cust	om application	-	eset Password					
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~				-	?p=4500:100	0:534949	931913	9		
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ome	Application	Builder 🔨	 SQL W 	orkshop 🗸	Team Deve	lopment 🗸	Ad	minist	ration 🗸	
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						as bisp	solut	ions	will appea	r & hence c
D 114	to Create	e Interac	tive repor	t.						
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All Ap Q- 3' sam age (a) 1 2	Plications Sample: 10 Packa Run Click Cre Name HOME Student Report	Databas	e Application Gc dar ation Updated By dev01 dev01	 Actions Page Type Home Report 	User Interface Desktop	Actions V Student Application Edit Group Unassigned Unassigned	Lock	Run		ID: 105 Database Applio Run Edit

Application: 10	5 - BISP solutions			
* User Interface	Desktop			
Select a page type:				
Blank Page	Multiple Black	ank Pages	Report	© Form
Step 7: Put radio b	outton on Interactive R	eport & click	to next	
Cancel				Next >
Interactive Report	Classic Report	Report on Web Servio	ce Result	
Chy.				
Wizard Report				
 Page Numbe Page name = Region Temp Region Name 	will appear asking for r = 4 (it will provide par Interactive Report plate = Hide and Show e = Interactive Report = Breadcrumb (select	age number by (we can also (It is name of	v default but we c choose region ten Report region for	region template)
Identify a page number	and name. If the page numbe	r you specify does	not exist, the wizard cr	eates the page for you.
Application:	105 - BISP solutions			
* Page Number	4			
* Page Name	Interactive Report]	
* Region Template	Hide and Show Region	-		
* Region Name	Interactive Report]	
Breadcrumb	Breadcrumb	•	-	
e e	= Interactive Report v = HOME (select Home	e as Parent E	ntry)	
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Entry Name	Interactive Report		
Parent Entry	HOME [No parent breadcrumb entry]		
	[No parent breadcrumb entry]		
elect Parent E	entry:		
Name	Page		
HOME	1		
Student	Report 2		
Stu	dents Form 3		
	row(s) 1 - 3 of 3		
9 9: Click	Next to proceed to ne	ext step	
		Nove N	
		Next >	
b 10: The			
		ons so select second Option i.e Use an existing tab set a	nd
		ons so select second Option i.e Use an existing tab set a ing tab set . Click Next	nd
ite a new			
			nd Next
ite a new			
ite a new	tab within the existi		
Cancel	tab within the existi		
Cancel Cancel Page: Tab Options:	tab within the existi 4 © Do not use tabs	ing tab set . Click Next	
Cancel Cancel Page: 4 Tab Options:	tab within the existing tab within the existing tab within the existing tab set and create	a new tab within the existing tab set.	
Cancel Cancel Page: Tab Options:	tab within the existing tab bet and create	a new tab within the existing tab set.	
Cancel Cancel Page: 4 Tab Options:	tab within the existing tab within the existing tab within the existing tab set and create	a new tab within the existing tab set.	
Cancel Cancel Page: Tab Options: * Tab Set	tab within the existing tab bet and create	a new tab within the existing tab set.	
Cancel Cancel Page: 4 Tab Options: * Tab Set	tab within the existing tab bet and create Do not use tabs Use an existing tab set and create Use an existing tab set and reuse	a new tab within the existing tab set.	
Cancel Cancel Page: Tab Options: Tab Set New Tab Label	tab within the existing tab bet and create Do not use tabs Use an existing tab set and create Use an existing tab set and reuse	a new tab within the existing tab set.	
Cancel Cancel Page: 4 Tab Options: * Tab Set	tab within the existing tab bet and create Do not use tabs Use an existing tab set and create Use an existing tab set and reuse	a new tab within the existing tab set.	

Cancel	
* Enter a SQL SELECT st	atement
Query Builder	
Link to Single Row View	Yes
Uniquely Identify Rows by	ROWID
Unique Column	
	oyees table & select check mark all columns of employees table & also if u lumn alias do it & then click to Run

	_		Cancel Return	Run
ACCOUNT		_	_	
ACCOUNT1		Æ	EMPLOYEES	_ ×
ACCOUNTS			1	
APEX\$_ACL			EMPLOYEE_ID 789	
APEX\$_WS_FILES			FIRST_NAME A	
APEX\$_WS_HISTORY				
APEX\$_WS_LINKS	-		LAST_NAME A	=
APEX\$_WS_NOTES			EMAIL A	
APEX\$_WS_ROWS				
APEX\$_WS_TAGS			PHONE_NUMBER A	
APEX\$_WS_WEBPG_SECTIONS			HIRE_DATE	
APEX\$_WS_WEBPG_SECTION_HI		1	74	
ATTENDANCES	C	ondit	ions SQL Results	Saved SQL
COUNTRIES		_		
CUSTOMERS			Column	Alias Object Condition
DEPARTMENTS				
DIMENSION_EXCEPTIONS		÷	EMPLOYEE_ID	EMPLOYEE_ID EMPLOYEES
EBA_DEMO_CAL_PROJECTS		*		
EMPLOYEES			FIRST NAME	FIRST NAME EMPLOYEES
EMP_DETAILS_VIEW		- Ŧ	· · · · · · · · · · · · · · · · · · ·	
EVALUATIONS				
EVAL_ITEMS		Ŧ	LAST_NAME	LAST_NAME EMPLOYEES
EVAL_ITEM_SCORES				
	•			·····

Step 13: Click on Results & u can see your selected data for report from employees table .

onditions SQL	Results Saved	I SQL							
EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	SALARY	COMMISSION_PCT	MANAGER_ID	DEPA
100	Steven	King	SKING	515.123.4567	06/17/2003	24000	-	-	90
101	Neena	Kochhar	NKOCHHAR	515.123.4568	09/21/2005	17000	-	100	90
102	Lex	De Haan	LDEHAAN	515.123.4569	01/13/2001	17000	-	100	90
103	Alexander	Hunold	AHUNOLD	590.423.4567	01/03/2006	9000	-	102	60
104	Bruce	Ernst	BERNST	590.423.4568	05/21/2007	6000	-	103	60
105	David	Austin	DAUSTIN	590.423.4569	06/25/2005	4800	-	103	60
400	A7_0:	D-1-6-0-		COO 400 4000	00/05/0000	4000		400	00

Step 14: Again click on SQL & see that we have successfully build sql query Then click on Return

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nditions SQL	Results Saved SQL	
EMPLOYE	OYEES.EMPLOYEE_ID as EMPLOYEE_ID EES.FIRST_NAME as FIRST_NAME,	,
	ES.LAST_NAME as LAST_NAME, ES.EMAIL as EMAIL,	
	ES.PHONE_NUMBER as PHONE_NUMBER,	
	ES.HIRE_DATE as HIRE_DATE, ES.SALARY as SALARY,	
	ES.COMMISSION_PCT as COMMISSION_	РСТ,
	ES.MANAGER_ID as MANAGER_ID,	
	ES.DEPARTMENT_ID as DEPARTMENT_I ES.JOB_ID_ID as JOB_ID_ID),
	YEES EMPLOYEES	
p 15: Click o	on Next	
Cancel		Next
Enter a SQL SELECT	statement LOYEE_ID as EMPLOYEE_ID,	
	NAME as FIRST_NAME,	
	AME as LAST_NAME,	
EMPLOYEES.EMAIL EMPLOYEES.PHONE	as EMAIL, NUMBER as PHONE_NUMBER,	
	ATE as HIRE_DATE,	
EMPLOYEES SALARY		
	SION_PCT as COMMISSION_PCT, R_ID as MANAGER_ID,	
	MENT_ID as DEPARTMENT_ID,	
EMPLOYEES.JOB_ID		
from EMPLOYEES EMPL	JYEES	
Query Builder		
ink to Single Row Viev	Yes -	
iquely Identify Rows by	ROWID	
Unique Columr	1	
n 16. Check	summary & confirm your sel	potion then click on Create
—		ge with the following attributes. Please confirm your selections.
pplication	105	
age	4	
age Name	Interactive Report	
ab Set	TS1	
ab Name		
	INTERACTIVE REPORT	
ab Label		
ab Label legion Title	Interactive Report	

Step 17: The interactive Report Page has been created successfully Click on **Run Page** button .

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Edit Page	Run Page
The Interactive Report page has been created successfully.	
Step 18: Login into Application by using following credential username = dev01 Password = ********* click on Login 	
Login	
Username dev01 Password •••••••	
Password	
Step 19: Observe Interactive report has been created with tab as shown in snapshot Since we have selected Report region template as Hide & show type therefore to view Interactive Report	
BISP solutions	Welcome: DEV01 Logout
HOME INTERACTIVE REPORT	
HOME > Interactive Report	
Interactive Report	

Step 20: So take a look of Interactive Report which has various functionality to view & to sort data

So Interactive report has **search option** & **Action Button** to perform various functionality So Click on Action Drop down Menu $\ .$

BISP s	olutions									We	elcome: DEV01 L	.ogout
HOME	INTERACTIV	E REPORT										
HOME >	HOME > Interactive Report											
. ■Intera	ctive Report											
Q.			Go	Actions -								
	Employee Id	<u>First Name</u>	Last Name	Email	Phone Numbe	er <u>Hire Date</u>	<u>Salary</u>	Commission Pct	<u>Manager Id</u>	Department Id	<u>Job ld ld</u>	
	100	Steven	King	SKING	515.123.4567	17-JUN-03	24000			90	4	
	101	Neena	Kochhar	NKOCHHAR	515.123.4568	21-SEP-05	17000		100	90		
	102	Lex	De Haan	LDEHAAN	515.123.4569	13-JAN-01	17000		100	90		
L)	103	Alexander	Hunold	AHUNOLD	590.423.4567	03-JAN-06	9000		102	60		
	104	Bruce	Ernst	BERNST	590.423.4568	21-MAY-07	6000		103	60	9	
l î	105	David	Austin	DAUSTIN	590.423.4569	25-JUN-05	4800		103	60		
L)	106	Valli	Pataballa	VPATABAL	590.423.4560	05-FEB-06	4800		103	60	9	
L)	107	Diana	Lorentz	DLORENTZ	590.423.5567	07-FEB-07	4200		103	60		
L)	108	Nancy	Greenberg	NGREENBE	515.124.4569	17-AUG-02	12008		101	100		
L)	109	Daniel	Faviet	DFAVIET	515.124.4169	16-AUG-02	9000		108	100		
L)	110	John	Chen	JCHEN	515.124.4269	28-SEP-05	8200		108	100	6	
L)	111	Ismael	Sciarra	ISCIARRA	515.124.4369	30-SEP-05	7700		108	100	6	
	112	Jose Manuel	Home Appl	ication 105 Edit	Page 4 Create	Session Caching	View Debug	Debug Show Grid	Show Edit Links	100	6	

Step 21: Click on Actions

Go	Actions -				
Last Name	Select Columns		<u>Hire Date</u>	<u>Salary</u>	<u>Commi</u>
King	Tilter		17-JUN-03	24000	
Kochhar	Rows Per Page	•	21-SEP-05	17000	
De Haan	Format	- FI	2 Sort		
Hunold		1	Control Bre		
Ernst	Flashback	- 1	Highlight	ntrol Break	-
Austin	Save Report		Compute		
Pataballa	🕜 Reset		Aggregate		
Lorentz	🕜 Help		Chart		
Greenberg	Download		Group By		
Faviet	Download	_	16-AUG-02	9000	

Functionality Of Action Button

Select Columns : Click on Select Columns & select Columns like First name , Last name & salary & click Apply it will provide Report in a sorted columns as shown below :

BISP so	olutions			_
номе	REPORTS			
HOME > In	teractive Report			
Sinteracti	ve Report			
d-		Go Action	S 👻	
Sele	ect Columns Do Not Display		Display in R	2eport
Employee		First Nam	пе	
Email Phone Nu Hire Date		Salary	10	
Commiss Manager	ion Pct	> <		· · · · · · · · · · · · · · · · · · ·
Departme Job Id Id		-		⊉
				Cancel Apply
<u>.</u>				
😵 Inter	active Report			
Q.			Go	Actions -
	<u>First Name</u>	<u>Last Name</u>	<u>Salary</u>	
	Steven	King	24000	
	Neena	Kochhar	17000	
	Lex	De Haan	17000	
	Alexander	Hunold	9000	
	Bruce	Ernst	6000	
	David	Austin	4800	
	Valli	Pataballa	4800	
	Diana	Lorentz	4200	

Filter : This Action is used to filter Report data either column wise or row wise Click on Actions ---> Filter Choose Filter Type as Column or Row , For Example choose Column Type So Filter detail of Alexander from report by Writing " First name = Alexander then click on Apply

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1.215	oe 🗿 Column	Row								
	Column		Oper	ator			Expres	sion		
st N	lame	-			▼ Ale>	kander			\sim	
					Ada					
					Alan					
					Albe				ply	
					Alex	ander				
					Allar					
	<u>First Name</u>	<u>Last N</u>	ame	<u>Salary</u>	Alys					
s	Steven	King		24000	Amit					
					Anth					
N	leena	Kochhar		17000	Britn					
	ex	De Haar	`	17000	Brud	e			-	
		Deridai		11000						
)bs	serve Filtered	l data								
nte	eractive Rep	ort								
						Go		ctions	Ţ	
2								cuona		
	First Nar	ne = 'Al	exander							
	i notrial	110 - 74	exampler							
				lame	<u>Salar</u>	¥				
	<u>First Na</u>	me	Last							
					00	00				
	<u>First Na</u> Alexander		Last N Hunold		90	00				
						00				

* **Rows Per Page** : This action is used to select number of rows to display on report page

Actions -			
Select Columns	hone Number	<u>Hire Date</u>	<u>C</u>
Tilter	5.123.4567	17-JUN-03	
Rows Per Page	1 5		
Format Rows Per Page	L		
Flashback	15 20		-
Reset	20 25 50 100		
Help	1000 All		
Download	5.124.4569	17-AUG-02	
	5 124 4160	16 ALIC 02	

✤ Format : This Format Action does following tasks:

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		Format				
Sort	Control Break	mpute Agg	regate		Chart	Group By
Actions - Select Columns	hone Number	<u>Hire Date</u>	Commi	ssion Pct	<u>Manager Id</u>	Department Id
Filter	5.123.4567 5.123.4568	17-JUN-03 21-SEP-05			- 100	90
Rows Per Page	► 123.4506				100	90
Flashback	Format Control				102 103	60
Save Report	Comput				103	60
Reset	Aggrega	ate			103	60
Help	Chart				103	60
Download	515.124.4169	³ y 16-AUG-02			101 108	100

1. Sort: Sort data either in Ascending or Descending order & also either Null always last or first **2. Control Break :** Control Break is mostly used to break entire table into desired groups as shown below :

00100	•••									
•	- Salary 🔽 - 💥									
Salary	: 2100									
	<u>First Name</u> 🔺	<u>Last Name</u>	Employee Id	<u>Email</u>	Phone Number	<u>Hire Date</u>	Commission Pct	<u>Manaqer Id</u>	<u>Department Id</u>	<u>Job ld ld</u>
	TJ	Olson	132	TJOLSON	650.124.8234	10-APR-07		121	50	18
Salary	: 2200									
	First Name	<u>Last Name</u>	Employee Id	<u>Email</u>	Phone Number	<u>Hire Date</u>	Commission Pct	<u>Manaqer Id</u>	Department Id	<u>Job ld ld</u>
	Hazel	Philtanker	136	HPHILTAN	650.127.1634	06-FEB-08		122	50	18
	Steven	Markle	128	SMARKLE	650.124.1434	08-MAR-08		120	50	18
Salary	: 2400									
	<u>First Name</u>	<u>Last Name</u>	Employee Id	<u>Email</u>	Phone Number	<u>Hire Date</u>	Commission Pct	<u>Manaqer Id</u>	<u>Department Id</u>	<u>Job ld ld</u>
	James	Landry	127	JLANDRY	650.124.1334	14-JAN-07		120	50	18
È	Ki	Gee	135	KGEE	650.127.1734	12-DEC-07		122	50	18
Salary	: 2500									
	First Name	<u>Last Name</u>	Employee Id	<u>Email</u>	Phone Number	<u>Hire Date</u>	Commission Pct	<u>Manaqer Id</u>	<u>Department Id</u>	<u>Job ld ld</u>
	James	Marlow	131	JAMRLOW	650.124.7234	16-FEB-05		121	50	18
	Joshua	Patel	140	JPATEL	650.121.1834	06-APR-06		123	50	18
	Karen	Colmenares	119	KCOLMENA	515.127.4566	10-AUG-07		114	30	13

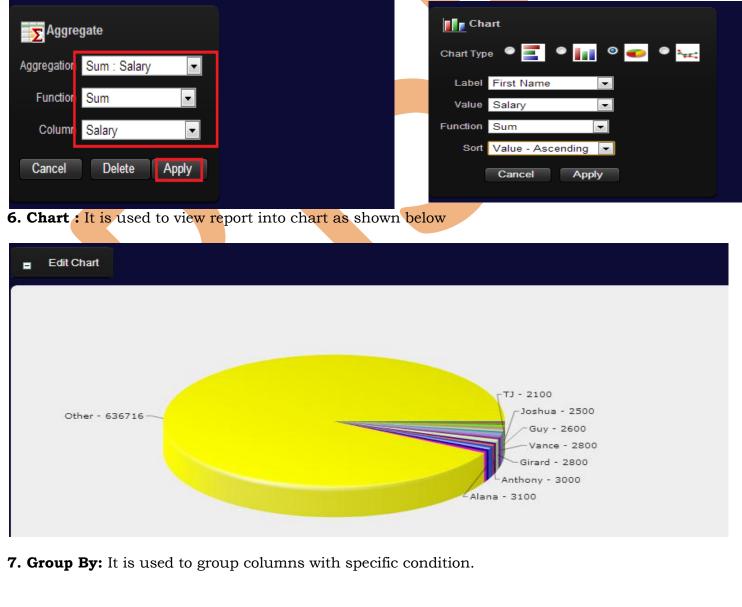
3.Highlights: It is used to perform highlighting rows or cells by using particular condition or logic as shown below in snapshot .

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Alexander 🔽 式										
<u>First Name</u>	L aat Nama	Salary	Employee Id	Emoil	Dhono Numbor	Uiro Doto	Commission Dot	Managar Id	Department Id	lob ld ld
	Last Name	<u>Salary</u>	Employee Id	Email	Phone Number	<u>Hire Date</u>	Commission Pct	<u>Manager Id</u>	Department Id	Job ld ld
John	Seo	2700	139	JSEO	650.121.2019	12-FEB-06		123	50	18
John	Russell	14000	145	JRUSSEL	011.44.1344.429268	01-OCT-04	.4	100	80	15
Jonathon	Taylor	8600	176	JTAYLOR	011.44.1644.429265	24-MAR-06	.2	149	80	16
Jose Manuel	Urman	7800	112	JMURMAN	515.124.4469	07-MAR-06		108	100	6
Joshua	Patel	2500	140	JPATEL	650.121.1834	06-APR-06	-	123	50	18
Julia	Nayer	3200	125	JNAYER	650.124.1214	16-JUL-05	-	120	50	18
Julia	Dellinger	3400	186	JDELLING	650.509.3876	24-JUN-06		121	50	17
Karen	Colmenares	2500	119	KCOLMENA	515.127.4566	10-AUG-07	-	114	30	13
Karen	Partners	13500	146	KPARTNER	011.44.1344.467268	05-JAN-05	.3	100	80	15
Kelly	Chung	3800	188	KCHUNG	650.505.1876	14-JUN-05	-	122	50	17

4. Compute : It is used to perform calculations.

5.Aggregate : It is used to perform operations such as sum , average, count , count distinct, minimum, maximum etc.



Edit Group	э Ву		
<u>First Name</u>	<u>Last Name</u>	<u>Salary</u>	<u>kkkkkkkkkkk</u>
Alexander	Hunold	9000	9,000.00
Daniel	Faviet	9000	9,000.00
Ismael	Sciarra	7700	7,700.00
Shelli	Baida	2900	2,900.00
Karen	Partners	13500	13,500.00
David	Bernstein	9500	9,500.00
Sarath	Sewall	7000	7,000.00
Sundita	Kumar	6100	6,100.00
Ellen	Abel	11000	11,000.00
lean	Fleaur	3100	3,100.00
Randall	Perkins	2500	2,500.00
John	Chen	8200	8,200.00
Jose Manuel	Urman	7800	7,800.00
Guy	Himuro	2600	2,600.00
Stephen	Stiles	3200	3,200.00
			1 - 15 🕟

Flashback: A flash back query allows you to view data as it existed at a previous point in time.

S Flashback	
A flashback query allows you to view the data as it exist	ed at a previous point in time.
As of 15 minutes ago.	
	Cancel Apply

- Save Report : Ii is used to save report for future use .
- Reset : It is used to restore report to the default setting .
- ✤ Help: It is used for more assistance .
- Download : It is used to Download report .

Step 22: Click on blank page icon to edit particular row detail.

	<u>First Name</u> 🔺	<u>Last Name</u>	<u>Salary</u>
A []	Adam	Fripp	8200
A	Alana	Walsh	3100
_			
Proced	ure to create	e Classic Re	port
			P
www.bis	ptrainings.com	<u>.</u>	

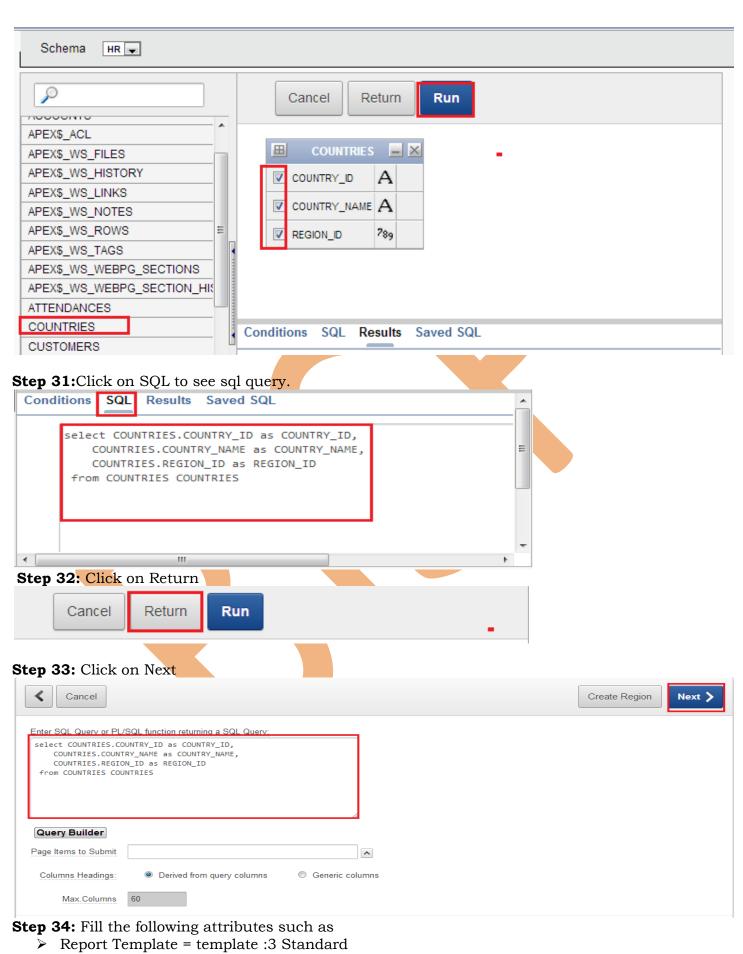
Step 23: Open Interactive Report page to create classic report on the same page of interactive report so click on Edit Page 4 located at the bottom

ep 24: Its Page 4 . Page is mainly divided in Shared components ge Rendering section is used to render page ocessing purpose . Shared components sector will click on Regions to expand> Body (3). Application Builder Application 105 Page 4	nto three parts 1) page re ge design whereas Page p	rocessing is used for	ssing
Interactive Report Home Application 105 Edit Page 4 Create Session Image: Components Image: Components See See P 24: Its Page 4 . Page is mainly divided in Shared components Sep 24: Its Page 4 . Page is mainly divided in Shared components See Rendering section is used to render page occessing purpose . Shared components see we click on Regions to expand> Body (3). Application Builder Application 105 Page 4 4 Image: Components See Rendering ge Rendering Image: Components See Regions ge Rendering Image: Components See Regions ge Rendering Image: Components See Regions Heractive Report Image: Regions Before Regions Position 01 Image: Regions Before Footer After Footer After Footer After Footer	nto three parts 1) page re ge design whereas Page p	endering 2) Page proces processing is used for	ssing
Home Application 105 Edit Page 4 Create Session Image: Section 100 Space Rendering Section 100 Image: Section 100 Image: Section 100 Image: Section 100 Image: Section 100 Space Rendering Image: Section 100 Page 4 Image: Section 100 Page 4 Application Builder Application 105 Page 4 Image: Section 100 Page 4 Image: Section Section 100 Page 4 Image: Section 100 Image: Section 100 Image: Section 100 Image: Section 100 Image: Section 100 Image: Se	nto three parts 1) page re ge design whereas Page p	endering 2) Page proces processing is used for	ssing
a b b c c c c c c c c c c	nto three parts 1) page re ge design whereas Page p	endering 2) Page proces processing is used for	ssing
a b b c c c c c c c c c c	nto three parts 1) page re ge design whereas Page p	endering 2) Page proces processing is used for	ssing
a b b c c c c c c c c c c	nto three parts 1) page re ge design whereas Page p	endering 2) Page proces processing is used for	ssing
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Shared components ge Rendering section is used to render page ocessing purpose . Shared components sec w click on Regions to expand> Body (3) Application Builder Application 105 Page 4 ge Rendering ge Rendering Interactive Report Before Header After Header Before Regions Regions Position 01 L ••• Breadcrumb After Regions Before Footer After Footer	ge design whereas Page p	rocessing is used for	0
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Application Builder Application 105 Page 4	ction is mainly used to sh		
4 Go ▲ > Image: Second		Page 4 🚺 🏟 🔡 🖓	± %
ge Rendering ge Rendering Interactive Report After Header After Header Before Regions Regions Before Regions Position 01 Second D1 Se		raye 4 🖬 💥 oo 🖤	
 Interactive Report Before Header After Header Before Regions Regions Body (3) Interactive Report Report Columns Position 01 		Run Utilities 🗸 Create 🗸	DEV01 17 minutes age
 Before Header After Header Before Regions Regions Body (3) Interactive Report Report Columns Position 01 	Page Processing	Shared Components	4
After Header Before Regions Regions Body (3) Before Columns Position 01 Love Breadcrumb After Regions Before Footer After Footer	 After Submit Validating 	Parent Tabs	
 Regions Body (3) Interactive Report Report Columns Position 01 Image: Second S	Processing	" List of Values	
 Body (3) E Interactive Report Report Columns Position 01 ->> Breadcrumb After Regions Before Footer After Footer 	 After Processing AJAX Callbacks 	- 📰 Lists 🗈 🎳 Templates	
Report Columns Position 01 L >>> Breadcrumb After Regions Before Footer After Footer	•	🖢 🚜 Templates 🖵 👸 Security	
I			
Before Footer After Footer			
After Footer			
L Dynamic Actions			

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□ 4	
Page Rendering	÷
 Interactive Report Before Header After Header Before Regions Regions Create Edit All Expand All Collapse All After Regions Before Footer After Footer Dynamic Actions 	
 p 26: Click Report then click on Next Cancel 	Next
Page: 4 - Interactive Report	
dentify the type of region to add to this page:	
HTML Multiple HTML	© Form
p 27: To create Pepert place radio button on Classic	Peport & click Next
p 27: To create Report place radio button on Classic	Report & click Next
Page: 4 - Interactive Report	
 Interactive Report Classic Report 	Web Service Result
Wizard Report	
-	
 p 28: Fill the following required details : > Title = Classic Report 	

	- Interactive Report
	QL Query
	and Show Region
Parent Region - Se	lect a Parent -
	e Template Body (3)
* Sequence 20	[Pos.1] [Pos.2] [Pos.3] [Pos.4] [Pos.5]
Top Region Templa	
	SQL query to add table on a report so click on Query builder by or PL/SQL function returning a SQL Query:
	SQL query to add table on a report so click on Query builder
	SQL query to add table on a report so click on Query builder any or PL/SQL function returning a SQL Query:
Enter SQL Que	SQL query to add table on a report so click on Query builder <i>y</i> or PL/SQL function returning a SQL Query:
Enter SQL Que	SQL query to add table on a report so click on Query builder



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 \geq Break columns = No Break Control Rows per page = 15 \geq Column Heading Sorting =Yes \succ CSV Output = Yes \blacktriangleright Enable Search = No Link Label = Click To Download Click to Next \triangleright ≺ Cancel Create Region Next > The attributes on this page determine the position and the look of your report. Report Template template: 3. Standard -Break Columns - No Break Control - 💌 Rows per Page 15 Column Heading Sorting Yes 💌 CSV Output Yes 🔻 Link Label Click To Download Enable Search No 🔻 **Step 35:** Click on Create Region to create Classic report Cancel Create Region 4 - Interactive Report Page: Region Title: Classic Report Condition Type - Select Display Condition Type --[PL/SQL] [item / column=value] [item / column not null] [item / column null] [request=e1] [page in] [page not in] [exists] [never] [none] Authorization Scheme - No Security Check Required -**Step 36:** Classic report created successfully & it is visible under Interactive reports in the page rendering section then click on **Run Application Express** Region created. Team Development 🗸 Home Application Builder 🗸 SQL Workshop 🗸 Administration 🗸 Application Builder Application 105 Page 4 b 4 ~ Go < > ÷ Page Processing ÷ Page Rendering 🖃 📄 Interactive Report E After Submit Before Header Validating After Header Processing After Processing Before Regions 🛄 🍓 AJAX Callbacks Regions Body (3) 🖻 🛄 Interactive Report Report Columns Classic Report Report Columns Position 01 Breadcrumb

Step 37: Classic report created successfully with Hide & Show Region so click on Classic Report

HOME INTERACTIV	EREPORT		
HOME > Interactive Repo	rt		
Interactive Report			
Classic Report			
00 I 1 4 41 1			
BOME > Interact		rep <mark>ort click on C</mark> lick To Download .	
Interactive Rep	port		
Classic Report	COUNTRY NAME	REGION_ID	
AR	Argentina	2	
AU	Australia	3	
BE BR	Belgium Brazil	1 2	
CA	Canada	2	
СН	Switzerland	1	
CN DE	China Germany	3	
DK	Denmark	1	
EG	Egypt	4	
FR IL	France	1 4	
IN	India	3	
Π	Italy	1	
JP Click To Download	Japan	3	
		1-15 Next 📀	
	ore 4 to Edit Tab name fro	m Shared Components	
p 39: Click on Edit Pa	ige i to Buit fub fluine no		
	Edit Page 4 Create Session	Caching View Debug Debug Show Grid Show E	Edit Linl
			Edit Linl
Home Application 105	Edit Page 4 Create Session	Caching View Debug Debug Show Grid Show E	Edit Lini
Home Application 105	Edit Page 4 Create Session	Caching View Debug Debug Show Grid Show E	Edit Linl
Home Application 105	Edit Page 4 Create Session	Caching View Debug Debug Show Grid Show E INTERACTIVE REPORT	
Home Application 105	Edit Page 4 Create Session	Caching View Debug Debug Show Grid Show E INTERACTIVE REPORT a Edit	
Home Application 105	Edit Page 4 Create Session	Caching View Debug Debug Show Grid Show E INTERACTIVE REPORT a Edit	/01
Home Application 105	Edit Page 4 Create Session	Caching View Debug Debug Show Grid Show E INTERACTIVE REPORT a Edit	/01
Home Application 105 ep 40 : Click on Parent ht click on INTERACT Page Processing After Submit	Edit Page 4 Create Session Tabs> Tab Set:TS1> IVE REPORT then click or	Caching View Debug Debug Show Grid Show E INTERACTIVE REPORT n Edit Run Utilities Create DEV Shared Components image: Parent Tabs	/01
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Home Application 105 Page Processing After Submit Validating After Processing After Processing After Processing	Edit Page 4 Create Session Tabs> Tab Set:TS1> IVE REPORT then click or	Caching View Debug Debug Show Grid Show E INTERACTIVE REPORT n Edit Run Utilities Create DEV Shared Components image: Parent Tabs	/01
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andard Tab			Cancel	Delete	Apply Cl
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Name					
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* Tab Name Interactive Reports					
* Sequence 20					
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BISP solutions					
HOME REPORTS					
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BISP solutions					
HOME REPORTS					
HOME > Interactive Report					
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Home Application 105 Edit Page 4 Create Session	Caching View Debug	Debug Show Gr	id <u>Sho</u>	w Edit Links	
Home Application 105 Edit Page 4 Create Session	Caching View Debug	Debug Show Gr	id Sho	w Edit Links	

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Page Rendering	Page Processing
 Interactive Report Before Header After Header Before Regions Regions Body (3) Create Edit All Expand All Collapse All Collapse All Before Footer After Footer After Footer Dynamic Actions 	After Submit Validating Processing After Processing AJAX Callbacks
Cancel Page: 4 - Interactive Report Identify the type of region to add to this page: HTML Multiple HTML Image:	Form
p 45: To create Report place radio button	n Wizard Report & click Next
Page: 4 - Interactive Report	
Interactive Report Classic Report Classic Report	Web Service Result
Wizard Report	
 P 46: Fill the following required details : Title = Wizard Report 	
-	

- Region template = Hide & Show Region
 Parent Region = leave as it is (optional as per requirement)
- Display point = Page Template Body (3)
- \blacktriangleright Sequence = 30
- Click on Next

Cancel	Next >
Page: 4 - Interactive Report	
Region Source Type: SQL Query (Structured Query)	
* Title Wizard Report	
Region Template Hide and Show Region	
Parent Region - Select a Parent -	
Display Point Page Template Body (3)	
[Body] [Pos.1] [Pos.2] [Pos.3] [Pos.5]	
* Sequence 30	
> Top Region Templates	
 Table / View Name = ACCOUNT Show related table only = Yes Select All Columns Click Next Cancel Table / View Owner HR Table / View Name ACCOUNT Show Related Tables Only: 	
Select ColumnsColumns Selected	
ACCOUNT.ACNUM ACCOUNT.BRANCHCODE ACCOUNT.ACTYPECODE ACCOUNT.CUSTOMERTYPECODE	
v v	