

1. Create table TEST_NAVIGATION as mentioned below (fig-1)

```
CREATE TABLE "TEST_NAVIGATION"  
(  
  "EID" NUMBER(10,0),  
  "ENAME" VARCHAR2(50),  
  "SAL" NUMBER(12,2),  
  "JOB" VARCHAR2(10),  
  "COMM" NUMBER(12,2),  
  "TSAL" NUMBER(12,2),  
  CONSTRAINT "TEST_NAVIGATION_PK" PRIMARY KEY ("EID") ENABLE  
)  
/
```

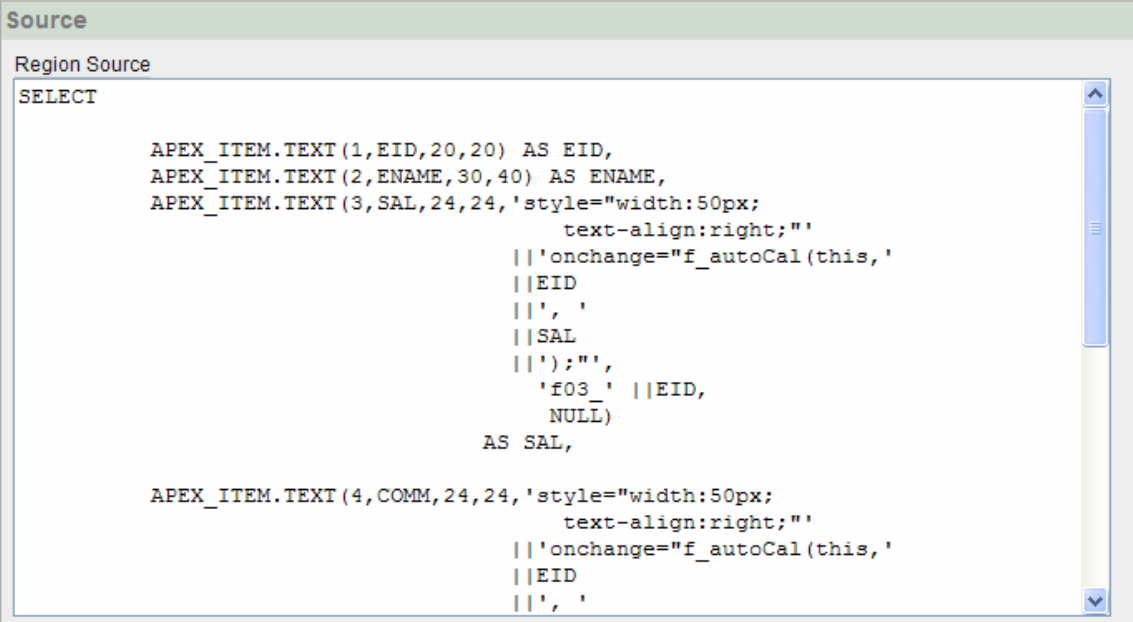
Fig : 1

2. Insert data for your table and for this you can copy the below text and paste to SQL editor (fig -2)

```
Insert into TEST_NAVIGATION (EID,ENAME,SAL,JOB,COMM,TSAL) values (1,'KAMAL',1000,'IT',0,null);  
Insert into TEST_NAVIGATION (EID,ENAME,SAL,JOB,COMM,TSAL) values (2,'ASHFAQ',1200,'MGT',0,null);  
Insert into TEST_NAVIGATION (EID,ENAME,SAL,JOB,COMM,TSAL) values (3,'FARUK',1500,'MGR',0,null);  
Insert into TEST_NAVIGATION (EID,ENAME,SAL,JOB,COMM,TSAL) values (4,'MASUM',6000,'ENGR',0,null);  
Insert into TEST_NAVIGATION (EID,ENAME,SAL,JOB,COMM,TSAL) values(5,'MAFHUZ',1400,'ENGR',1500,null);
```

Fig : 2

3. Take a report and type the SQL source as below (fig-3,4)



```
Source  
Region Source  
SELECT  
  
  APEX_ITEM.TEXT(1,EID,20,20) AS EID,  
  APEX_ITEM.TEXT(2,ENAME,30,40) AS ENAME,  
  APEX_ITEM.TEXT(3,SAL,24,24,'style="width:50px;  
    text-align:right;"  
    ||'onchange="f_autoCal(this,'  
    ||EID  
    ||', '  
    ||SAL  
    ||)";',  
    'f03_1' ||EID,  
    NULL)  
  AS SAL,  
  
  APEX_ITEM.TEXT(4,COMM,24,24,'style="width:50px;  
    text-align:right;"  
    ||'onchange="f_autoCal(this,'  
    ||EID  
    ||', '
```

Fig : 3

```

SELECT

APEX_ITEM.TEXT(1,EID,20,20) AS EID,
APEX_ITEM.TEXT(2,ENAME,30,40) AS ENAME,
APEX_ITEM.TEXT(3,SAL,24,24,'style="width:50px;
    text-align:right;"
    ||'onchange="f_autoCal(this,'
    ||EID
    ||','
    ||SAL
    ||'):"';
    'f03_' ||EID,
    NULL)
AS SAL,

APEX_ITEM.TEXT(4,COMM,24,24,'style="width:50px;
    text-align:right;"
    ||'onchange="f_autoCal(this,'
    ||EID
    ||','
    ||COMM
    ||'):"';
    'f04_' || EID,
    NULL)
AS COMM,

APEX_ITEM.TEXT(5,TSAL,24,24,'style="width:50px;
    text-align:right;"
    ||'onchange="f_autoCal(this,'
    ||EID
    ||','
    ||TSAL
    ||'):"';
    'f05_' || EID,
    NULL)
AS TSAL

FROM
TEST_NAVIGATION

```

Fig : 4

Page Rendering

Page 📄

Page Name: JavascriptAutoCal	Template: Application default
Title: JavascriptAutoCal	Header Text:
HTML Header: <script type="text/javascript">	Footer Text:
HTML Body:	Build Option:
Help Text:	Authorization: No
Page Group:	Cached: No

Fig : 5

4. write a javascript function for auto calculation follow fig-5,6,7

```
HTML Header
HTML Header
<script type="text/javascript">
function f_autoCal(t1,t2,t3)
{
    var a = 'f03_'+t2;
    var b = 'f04_'+t2;
    var c= 'f05_'+t2;
    var t=Number($x(a).value)+Number($x(b).value);
    $x(c).value=t;
}
Include Standard CSS and JavaScript Yes
```

Fig : 6

```
<script type="text/javascript">
function f_autoCal(t1,t2,t3)
{
    var a = 'f03_'+t2;
    var b = 'f04_'+t2;
    var c= 'f05_'+t2;
    var t=Number($x(a).value)+Number($x(b).value);
    $x(c).value=t;
    // alert(t);
    // alert($x(b).value);
}
</script>
```

Fig : 7 (javascript function)

5. Final outlook will be shown after completing all steps above as in fig -8

value of Tsal auto calculated for the change of sal and comm

Eid	Ename	Sal	Comm	Tsal
1	KAMAL	1000	0	
2	ASHFAQ	1200	0	
3	FARUK	1500	0	
4	MASUM	500	400	900
5	MAFHUZ	1400	1500	

1 - 5

Fig : 8