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**Assignment 3-1 Advanced Database concept**

**Question 1:-**

CREATE OR REPLACE

FUNCTION ttlsp

(in\_shopid IN number)

RETURN NUMBER

IS

totalSp NUMBER(5,2) :=0 ;

BEGIN

Select sum(subtotal) INTO totalSp from bb\_basket where IDSHOPPER = in\_shopid;

IF totalSp IS NULL THEN

RAISE NO\_DATA\_FOUND;

END IF;

RETURN totalSp;

END;

/

DECLARE

ttl\_sp NUMBER(5,2) := 0;

sh\_id NUMBER(5,2) := 22;

BEGIN

ttl\_sp := ttlsp(sh\_id);

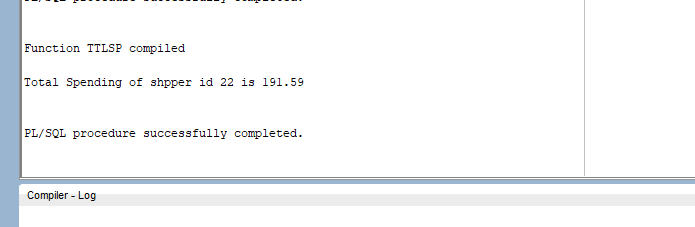
DBMS\_OUTPUT.PUT\_LINE('Total Spending of shpper id '||sh\_id ||' is '|| ttl\_sp);

EXCEPTION

WHEN NO\_DATA\_FOUND THEN

DBMS\_OUTPUT.PUT\_LINE('No Data Found');

END;



**Question 2:-**

create or replace procedure up\_status

(basket\_id in bb\_basketstatus.idbasket%type,

dt\_stage in bb\_basketstatus.dtstage%type,

b\_sh in bb\_basketstatus.shipper%type,

b\_tr in bb\_basketstatus.shippingnum%type)

IS

BEGIN

INSERT INTO bb\_basketstatus

(idstatus, idbasket, idstage, dtstage, shipper, shippingnum)

values (bb\_status\_seq.nextval, basket\_id, 4, dt\_stage, b\_sh, b\_tr);

commit;

end;

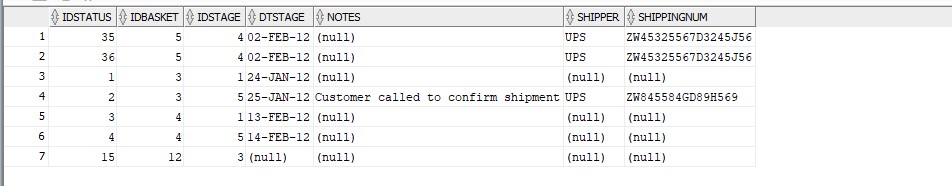
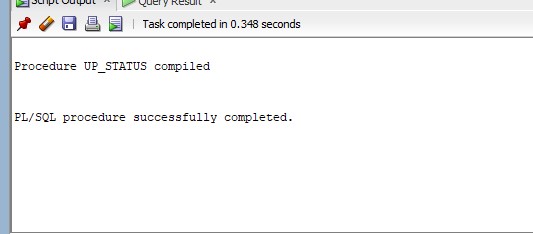
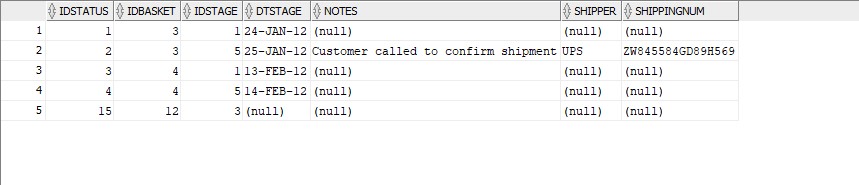
/

DECLARE

BEGIN

up\_status(5, '2-FEB-12', 'UPS', 'ZW45325567D3246J55');

END;



**Question 3: -**

CREATE OR REPLACE FUNCTION int\_prd(id\_bas IN NUMBER, id\_prd IN NUMBER, unt\_prc IN NUMBER, qnt IN NUMBER)

RETURN VARCHAR2

IS

prtorder bb\_basketitem.idbasketitem%TYPE;

msg VARCHAR2(100);

basitem bb\_basketitem.idbasketitem%TYPE;

BEGIN

basitem := BB\_IDBASKETITEM\_SEQ.NEXTval;

INSERT INTO bb\_basketitem(idbasketitem, idproduct, price, quantity, idbasket)

VALUES(basitem, id\_prd, unt\_prc, qnt, id\_bas);

SELECT idbasketitem INTO prtorder

FROM bb\_basketitem

WHERE idbasketitem = basitem;

IF(prtorder = basitem) THEN

msg:= 'Order updated.';

ELSE

msg:= 'Order not updated';

END IF;

RETURN msg;

END;

/

SET SERVEROUTPUT ON

DECLARE

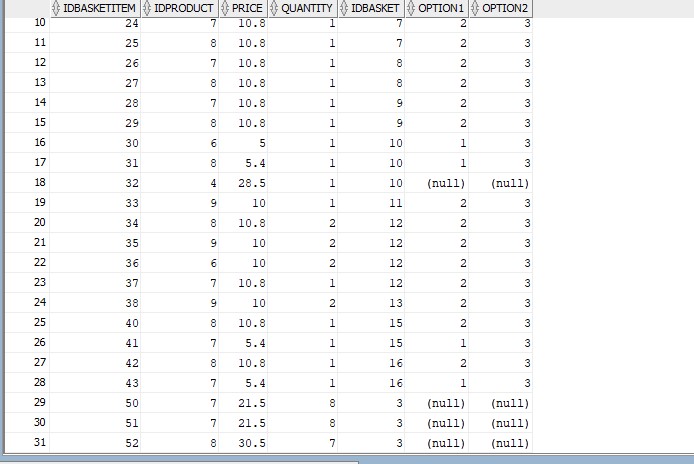
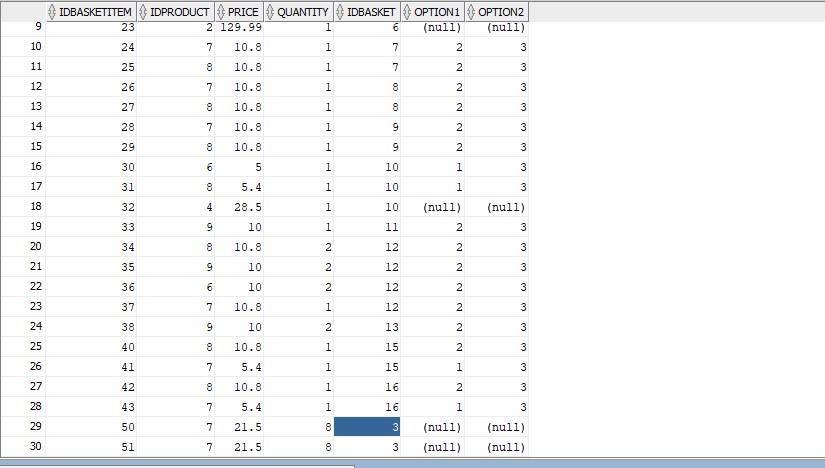
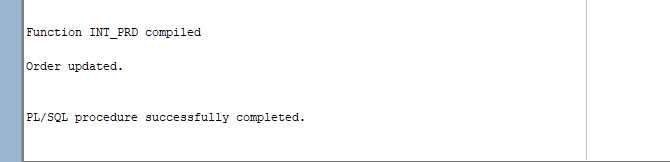
out\_msg varchar2(50);

BEGIN

out\_msg:= int\_prd(3, 8, 30.5, 7);

DBMS\_OUTPUT.PUT\_LINE(out\_msg);

END;



**Question 5: -**

create or replace PROCEDURE product\_add

(pName IN BB\_PRODUCT.PRODUCTNAME%TYPE,

pDescription IN BB\_PRODUCT.DESCRIPTION%TYPE,

pImage IN BB\_PRODUCT.PRODUCTIMAGE%TYPE,

pPrice IN BB\_PRODUCT.PRICE%TYPE,

pSalesstart IN BB\_PRODUCT.SALESTART%TYPE,

pSaleend IN BB\_PRODUCT.SALEEND%TYPE,

pSaleprice IN BB\_PRODUCT.SALEPRICE%TYPE,

pActive IN BB\_PRODUCT.ACTIVE%TYPE,

pFeatured IN BB\_PRODUCT.FEATURED%TYPE,

pFeaturestart IN BB\_PRODUCT.FEATURESTART%TYPE,

pFeatureend IN BB\_PRODUCT.FEATUREEND%TYPE,

pTyp IN BB\_PRODUCT.TYPE%TYPE,

pIddepartment IN BB\_PRODUCT.IDDEPARTMENT%TYPE,

pStock IN BB\_PRODUCT.STOCK%TYPE,

pOrdered IN BB\_PRODUCT.ORDERED%TYPE,

pReorder IN BB\_PRODUCT.REORDER%TYPE)

IS

id\_bas bb\_basketstatus.idbasket%type;

BEGIN

INSERT INTO BB\_PRODUCT (IDPRODUCT, PRODUCTNAME, DESCRIPTION, PRODUCTIMAGE, PRICE, SALESTART, SALEEND, SALEPRICE, ACTIVE, FEATURED, FEATURESTART, FEATUREEND, TYPE, IDDEPARTMENT, STOCK, ORDERED, REORDER)

VALUES (BB\_PRODID\_SEQ.NEXTVAL, pName, pDescription, pImage, pPrice, pSalesstart, pSaleend, pSaleprice, pActive, pFeatured, pFeaturestart, pFeatureend, pTyp, pIddepartment, pStock, pOrdered, pReorder);

COMMIT;

END;

/

DECLARE

BEGIN

product\_add('Black Tea', 'Made from tea leaves.', 'blacktea.jpg', 10, '2-AUG-12', '20-AUG-12', 7, 1, null, null, null, 'D', 3, 90, 20, 30);

END;

