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Assingment-2

1.. Create a product table containing

product id which is auto generated as a unique number,

product name,

product price,

product quantity,

product final cost which should be auto calculated as product price \* product quantity

Ans--create sequence product\_id\_seq increment by 10 start with 120 maxvalue 9999 nocache;

create table product(

product\_id number primary key ,product\_name varchar2(20),product\_price number, product\_quantity number,

product\_final\_cost AS(product\_price\*product\_quantity)

);

insert into product(product\_id,product\_name,product\_price,product\_quantity)

values(product\_id\_seq.nextval,'laptop',10000,2);

insert into product(product\_id,product\_name,product\_price,product\_quantity)

values(product\_id\_seq.nextval,'mobile',1000,4);

insert into product(product\_id,product\_name,product\_price,product\_quantity)

values(product\_id\_seq.nextval,'tablet',5000,2);

2.. Insert 5 rows in product table.

insert into product(product\_id,product\_name,product\_price,product\_quantity)

values(product\_id\_seq.nextval,'earphone',100,2);

insert into product(product\_id,product\_name,product\_price,product\_quantity)

values(product\_id\_seq.nextval,'pen',10,4);

insert into product(product\_id,product\_name,product\_price,product\_quantity)

values(product\_id\_seq.nextval,'led',5000,10);

3. Add below columns in the above created product table

Product category which can be NULL

Product activation date

Product Expiry

ALTER TABLE product ADD ( productr\_category varchar(20),product\_activation\_date date,product\_expiry date);

4 Insert 5 more rows in Product table.

insert into product(product\_id,product\_name,product\_price,product\_quantity)

values(product\_id\_seq.nextval,'shoes',5000,2);

insert into product(product\_id,product\_name,product\_price,product\_quantity)

values(product\_id\_seq.nextval,'bag',1000,4);

insert into product(product\_id,product\_name,product\_price,product\_quantity)

values(product\_id\_seq.nextval,'mouse',500,10);

5 Remove column Product Expiry.

ALTER TABLE product DROP COLUMN product\_expiry;

**6** Create a table using virtualcolumn and insert data in it.

create table pilar(employee\_name varchar(20),employee\_salary number,employee\_OSA number ,total\_salary as(employee\_salary \* employee\_OSA));

insert into pilar(employee\_name ,employee\_salary ,employee\_OSA) values('raj kundra',10000,5000);

7 Create a table Temp using atleast 2 constraints and insert data in it.

create table temp(customer\_id number primary key , cumtomer\_name varchar(20) not null ,customer\_no number);

insert into temp(customer\_id,customer\_name,customer\_no)values(1011,'kundra',7034);

8 Truncate the table created in above question 5.

truncate table product;