Assingment-2

Write queries for below.

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
2. Insert 5 rows in product table
3. Add below columns in the above created product table
   * Product category which can be NULL
   * Product activation date
   * Product Expiry
4. Insert 5 more rows in Product table
5. Remove column Product Expiry
6. Create a table using virtual column and insert data in it.
7. Create a table Temp using atleast 2 constraints and insert data in it.
8. Truncate the table created in above question 5.

Answers:-

1.. 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 into product(product\_id,product\_name,product\_price,product\_quantity)

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

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

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

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

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

3

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

4

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,'keyboard',500,10);

5

ALTER TABLE product DROP COLUMN product\_expiry;

**6**

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 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 table product;