

## 1.) Create following tables with specified records

```
SQL> connect system/system as sysdba
Connected.
SQL> create table cust(cid char(5) PRIMARY KEY, Cname varchar2(20), city varchar(10));

Table created.

SQL> insert into cust values('c1', 'praadip', 'mysore');

1 row created.

SQL> insert into cust values('c2', 'aastik', 'kolkata');

1 row created.

SQL> insert into cust values('c3', 'tushar', 'pune');

1 row created.

SQL> insert into cust values('c4', 'arpan', 'chennai');

1 row created.

SQL> insert into cust values('c5', 'anumita', 'indore');

1 row created.
```

```
SQL> desc cust;
Name                               Null?    Type
-----
CID                                NOT NULL CHAR(5)
CNAME                             VARCHAR2(20)
CITY                              VARCHAR2(10)

SQL> select * from cust;

CID  CNAME      CITY
----
c1   praadip    mysore
c2   aastik     kolkata
c3   tushar     pune
c4   arpan      chennai
c5   anumita    indore
```

```
SQL> create table prod(pid char(5), pname varchar2(20), pcost number(6), cid char(5), pprofit number(3));

Table created.

SQL> ALTER TABLE prod ADD CONSTRAINT C1 FOREIGN KEY(cid) REFERENCES cust(cid);

Table altered.
```

PID	PNAME	PCOST	CID	PPROFIT
i3	pen	21	c2	20
i2	floppy	30	c4	12
i1	pencil	5	c1	

```
SQL> create table state_name(ccity varchar2(20), state varchar2(25));

Table created.
```

```

SQL> insert into state_name values('mysore','karnataka');
1 row created.

SQL> insert into state_name values('kolkata','west bengal');
1 row created.

SQL> insert into state_name values('pune','maharashtra');
1 row created.

SQL> insert into state_name values('chennai','tamilnadu');
1 row created.

SQL> insert into state_name values('indore','madhya pradesh');
1 row created.

```

```

SQL> select * from state_name;

```

CCITY	STATE
mysore	karnataka
kolkata	west bengal
pune	maharashtra
chennai	tamilnadu
indore	madhya pradesh

2.) Write a query to display the PNAME of the product which cost more than the cost of PEN.

```

SQL> select pname from prod where pcost=(select max(pcost) from prod);

PNAME
-----
floppy

```

3.) Write a query CNAME& CCITY of all customers who lives in 'Kolkata' or 'Chennai' .

```

SQL> select cname,city from cust where city IN('kolkata','chennai');

CNAME          CITY
-----
aastik         kolkata
arpan          chennai

```