**Exercise : 7**

**Roll No: 23 Date: 18-oct-2023**

**Class: FYBBA(CA) BATCH: II REMARK:**

create table dep23

(dno number(3)primary key,

dname varchar2(15),

loc varchar2(15)

);

insert all

into dep23 values(1,'Finance','Pune')

into dep23 values(2,'Inventory','Pune')

into dep23 values(3,'Sales','Pune')

into dep23 values(4,'HR','Mumbai')

into dep23 values(5,'Finance','Mumbai')

into dep23 values(6,'HR','Mumbai')

select \* from dual;

create table epfy23

(eno number(3)primary key,

ename varchar2(15),

sal number(7),

addr varchar2(15),

pno number(10),

dno number(3)references dep23(dno)

ON DELETE CASCADE

);

insert all

into epfy23 values(101,'Ajit',30000,'Kothrud',1236549871,1)

into epfy23 values(102,'Balaji',15000,'Katraj',1236549872,2)

into epfy23 values(103,'Chetan',9000,'Sangvi',1236549873,3)

into epfy23 values(104,'Dipak',4000,'Dadar',1236549874,4)

into epfy23 values(105,'Faizal',10000,'Dombivali',1236549875,5)

into epfy23 values(106,'Aditya',30000,'Andheri',1236549876,6)

into epfy23 values(107,'Aniket',NULL,'Bhykhala',1236549877,4)

into epfy23 values(108,'Majit',30000,'Katraj',1236549878,3)

into epfy23 values(109,'Mahesh',12000,'Hadapsar',1236549879,2)

into epfy23 values(110,'Rakesh',15000,'Hinzawadi',1236549812,1)

into epfy23 values(111,'Dinkar',20000,'Chakan',1236543242,5)

into epfy23 values(112,'Lokesh',30000,'Swargate',1236549887,5)

into epfy23 values(113,'Ajit',25000,'Kothrud',1236549865,4)

select \* from dual;

1)select \* from epfy23;

ENO ENAME SAL ADDR PNO DNO

101 Ajit 30000 Kothrud 1236549871 1

102 Balaji 15000 Katraj 1236549872 2

103 Chetan 9000 Sangvi 1236549873 3

104 Dipak 4000 Dadar 1236549874 4

105 Faizal 10000 Dombivali 1236549875 5

106 Aditya 30000 Andheri 1236549876 6

107 Aniket - Bhykhala 1236549877 4

108 Majit 30000 Katraj 1236549878 3

109 Mahesh 12000 Hadapsar 1236549879 2

110 Rakesh 15000 Hinzawadi 1236549812 1

=========================================================2) select eno,ename from epfy23;

|  |  |
| --- | --- |
| **ENO** | **ENAME** |
| 101 | Ajit |
| 102 | Balaji |
| 103 | Chetan |
| 104 | Dipak |
| 105 | Faizal |
| 106 | Aditya |
| 107 | Aniket |
| 108 | Majit |
| 109 | Mahesh |
| 110 | Rakesh |

3) select distinct dno from epfy23;

|  |
| --- |
| **DNO** |
| 1 |
| 6 |
| 2 |
| 4 |
| 5 |
| 3 |

4) select \* from epfy23 where dno = 1;

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ENO** | **ENAME** | **SAL** | **ADDR** | **PNO** | **DNO** |
| 101 | Ajit | 30000 | Kothrud | 1236549871 | 1 |
| 110 | Rakesh | 15000 | Hinzawadi | 1236549812 | 1 |
|  |  |  |  |  |  |

5) select \* from epfy23 where addr='Pune' and sal >10000;

ENO ENAME SAL ADDR PNO DNO

114 Ashok 25000 Pune 1236589865 4

6) Select \* from epfy23 where addr = 'Pune' and sal between 16000 and 30000;

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ENO** | **ENAME** | **SAL** | **ADDR** | **PNO** | **DNO** |
| 114 | Ashok | 25000 | Pune | 1236589865 | 4 |

7) Select \* from epfy23 where ename like 'A%';

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ENO** | **ENAME** | **SAL** | **ADDR** | **PNO** | **DNO** |
| 101 | Ajit | 30000 | Kothrud | 1236549871 | 1 |
| 106 | Aditya | 30000 | Andheri | 1236549876 | 6 |
| 107 | Aniket | - | Bhykhala | 1236549877 | 4 |
| 113 | Ajit | 25000 | Kothrud | 1236549865 | 4 |
| 114 | Ashok | 25000 | Pune | 1236589865 | 4 |

8) Select \* from epfy23 where ename like '%ka%';

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ENO** | **ENAME** | **SAL** | **ADDR** | **PNO** | **DNO** |
| 111 | Dinkar | 20000 | Chakan | 1236543242 | 5 |

9) Select \* from epfy23 where sal is null;

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ENO** | **ENAME** | **SAL** | **ADDR** | **PNO** | **DNO** |
| 107 | Aniket | - | Bhykhala | 1236549877 | 4 |

10) Select \* from epfy23 order by eno;

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ENO** | **ENAME** | **SAL** | **ADDR** | **PNO** | **DNO** |
| 101 | Ajit | 30000 | Kothrud | 1236549871 | 1 |
| 102 | Balaji | 15000 | Katraj | 1236549872 | 2 |
| 103 | Chetan | 9000 | Sangvi | 1236549873 | 3 |
| 104 | Dipak | 4000 | Dadar | 1236549874 | 4 |
| 105 | Faizal | 10000 | Dombivali | 1236549875 | 5 |
| 106 | Aditya | 30000 | Andheri | 1236549876 | 6 |
| 107 | Aniket | - | Bhykhala | 1236549877 | 4 |
| 108 | Majit | 30000 | Katraj | 1236549878 | 3 |
| 109 | Mahesh | 12000 | Hadapsar | 1236549879 | 2 |
| 110 | Rakesh | 15000 | Hinzawadi | 1236549812 | 1 |

11) Select \* from epfy23 order by dno, eno desc;

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ENO** | **ENAME** | **SAL** | **ADDR** | **PNO** | **DNO** |
| 110 | Rakesh | 15000 | Hinzawadi | 1236549812 | 1 |
| 101 | Ajit | 30000 | Kothrud | 1236549871 | 1 |
| 109 | Mahesh | 12000 | Hadapsar | 1236549879 | 2 |
| 102 | Balaji | 15000 | Katraj | 1236549872 | 2 |
| 108 | Majit | 30000 | Katraj | 1236549878 | 3 |
| 103 | Chetan | 9000 | Sangvi | 1236549873 | 3 |
| 114 | Ashok | 25000 | Pune | 1236589865 | 4 |
| 113 | Ajit | 25000 | Kothrud | 1236549865 | 4 |
| 107 | Aniket | - | Bhykhala | 1236549877 | 4 |
| 104 | Dipak | 4000 | Dadar | 1236549874 | 4 |

12) Select dno as department, sum(sal) as total from epfy23 group by

dno order by dno;

|  |  |
| --- | --- |
| **DEPARTMENT** | **TOTAL** |
| 1 | 45000 |
| 2 | 27000 |
| 3 | 39000 |
| 4 | 54000 |
| 5 | 60000 |
| 6 | 30000 |

13) Select dno as department , count(eno) as total\_Emp from epfy23 group

by dno having count(eno )>3 order by dno;

|  |  |
| --- | --- |
| **DEPARTMENT** | **TOTAL\_EMP** |
| 4 | 4 |

14) select avg(sal) from epfy23;

AVG(SAL)

19615.3846153846153846153846153846153846

15) select max(sal),dno from epfy23 group by dno having max(sal) > 15000;

|  |  |
| --- | --- |
| **MAX(SAL)** | **DNO** |
| 30000 | 1 |
| 30000 | 6 |
| 25000 | 4 |
| 30000 | 5 |
| 30000 | 3 |

16) select dno,min(sal) from epfy23 group by dno order by dno;

|  |  |
| --- | --- |
| **DNO** | **MIN(SAL)** |
| 1 | 15000 |
| 2 | 12000 |
| 3 | 9000 |
| 4 | 4000 |
| 5 | 10000 |
| 6 | 30000 |

17)

update epfy23 set epfy23.sal=(epfy23.sal+(0.5\*epfy23.sal)) where epfy23.dno=

(select dep23.dno from dep23 where dep23.dno=epfy23.dno and dep23.dname='Finance');

Set b

create table area23

(ano number(3)primary key,

aname varchar2(15),

atype varchar2(15)

);

insert all

into area23 values(1,'Baramati','rural')

into area23 values(2,'Indapur','rural')

into area23 values(3,'Phaltan','rural')

into area23 values(4,'Solapur','rural')

into area23 values(5,'Pune','Urban')

into area23 values(6,'Mumbai','Urban')

into area23 values(7,'Chennai','Urban')

select \* from dual;

|  |  |  |
| --- | --- | --- |
| **ANO** | **ANAME** | **ATYPE** |
| 1 | Baramati | rural |
| 2 | Indapur | rural |
| 3 | Phaltan | rural |
| 4 | Solapur | rural |
| 5 | Pune | Urban |
| 6 | Mumbai | Urban |
| 7 | Chennai | Urban |

create table person23

(ono number(3)primary key,

pnanme varchar2(15),

dob date,

income number(7),

ano number(3)references area23(ano)

ON DELETE CASCADE

);

insert all

into person23 values(1,'Aditya','22-dec-2004',500000,1)

into person23 values(2,'Aniket','02-dec-2001',700000,2)

into person23 values(3,'sagar','12-oct-1999',800000,3)

into person23 values(4,'Ashok','10-jan-1999',900000,4)

into person23 values(5,'ranver','08-feb-1995',1000000,5)

into person23 values(6,'Narayan','15-sep-1994',1300000,6)

select \* from dual;

1) select pnanme from prsn23,area23 where area23.ano=prsn23.ano and area23.atype='rural';

|  |
| --- |
| **PNANME** |
| Aditya |
| Aniket |
| sagar |
| Ashok |
| Radha |

=========================================================

2)

select pname from prsn23 where to\_char(dob,'mon')='jan';

|  |
| --- |
| **PNAME** |
| Ashok |

3)select count(pnname)as Born\_On\_Same\_Day from prsn23 where to\_char(dob,’dd’)=22;

|  |
| --- |
| **BORN\_ON\_SAME\_DAY** |
| 1 |

4) select count(income) as Below\_Income from prsn23 where income<1000000;

|  |
| --- |
| **BELOW\_INCOME** |
| 5 |

5) SELECT PNAME FROM PRSN23 WHERE INCOME BETWEEN 500000 and 1000000;

|  |
| --- |
| **PNAME** |
| Aditya |
| Aniket |
| sagar |
| Ashok |
| ranver |
| Radha |

6) select avg(distinct income),pname from prsn23 group by pname;

|  |  |
| --- | --- |
| **AVG(DISTINCTINCOME)** | **PNAME** |
| 500000 | Aditya |
| 700000 | Aniket |
| 900000 | Ashok |
| 1300000 | Narayan |
| 700000 | Radha |
| 1000000 | ranver |
| 800000 | sagar |

7)select avg(distinct income),pname from prsn23 group by pname;

|  |  |
| --- | --- |
| **AVG(DISTINCTINCOME)** | **PNAME** |
| 500000 | Aditya |
| 700000 | Aniket |
| 900000 | Ashok |
| 1300000 | Narayan |
| 700000 | Radha |
| 1000000 | ranver |
| 800000 | sagar |

=========================================================8) select sum(prsn23.income)from prsn23,area23 where prsn23.ano=area23.ano and area23.aname='Pune';

|  |
| --- |
| **SUM(PRSN23.INCOME)** |
| 1000000 |

=========================================================9)select max(prsn23.income),area23.aname from prsn23,area23 where prsn23.ano=area23.ano group by area23.aname having area23.aname =’Pune’;

|  |  |
| --- | --- |
| **MAX(PRSN23.INCOME)** | **ANAME** |
| 1000000 | Pune |

=========================================================10) select count(prsn23.pname) as Area\_Wise\_Count,area.aname from area23,prsn23 where prsn23.ano=area23.ano group by area23.aname;

|  |  |
| --- | --- |
| **MAX(PRSN23.INCOME)** | **ANAME** |
| 1000000 | Pune |

11) select area23.aname,prsn23.pname,prsn23.income,area23.atype from prsn23,area23 where area23.ano=prsn23.ano and prsn23.income=

(select max(prsn23.income)from prsn23,area23 where area23.ano=prsn23.ano and area23.atype!='Urban');

ANAME PNAME INCOME ATYPE

Solapur Ashok 900000 rural

=========================================================12) select \* from area23,prsn23 where area23.ano=prsn23.ano order by prsn23.ano;

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ANO** | **ANAME** | **ATYPE** | **PNO** | **PNAME** | **DOB** | **INCOME** | **ANO** |
| 1 | Baramati | rural | 1 | Aditya | 22-DEC-04 | 500000 | 1 |
| 1 | Baramati | rural | 7 | Radha | 02-DEC-01 | 700000 | 1 |
| 2 | Indapur | rural | 2 | Aniket | 02-DEC-01 | 700000 | 2 |
| 3 | Phaltan | rural | 3 | sagar | 12-OCT-99 | 800000 | 3 |
| 4 | Solapur | rural | 4 | Ashok | 10-JAN-99 | 900000 | 4 |
| 5 | Pune | Urban | 5 | ranver | 08-FEB-95 | 1000000 | 5 |
| 6 | Mumbai | Urban | 6 | Narayan | 15-SEP-94 | 1300000 | 6 |

=========================================================13) select prsn23.pname,area23.aname from prsn23,area23 where area23.ano=prsn23.ano order by area23.aname,prsn23.pname;

|  |  |
| --- | --- |
| **PNAME** | **ANAME** |
| Aditya | Baramati |
| Radha | Baramati |
| Aniket | Indapur |
| Narayan | Mumbai |
| sagar | Phaltan |
| ranver | Pune |
| Ashok | Solapur |

=========================================================14) select min(prsn23.income) from area23,prsn23 where area23.ano=prsn23.ano;

|  |
| --- |
| **MIN(PRSN23.INCOME)** |
| 500000 |

15) update area23 set aname='Mumbai' where aname ='Pune';

select \* from area23 where aname ='Mumbai';

|  |  |  |
| --- | --- | --- |
| **ANO** | **ANAME** | **ATYPE** |
| 5 | Mumbai | Urban |
| 6 | Mumbai | Urban |

=========================================================16) delete from area23 where atype='Urban';

SET: C

create table eplfy23

(

eno number(3)primary key,

ename varchar2(15),

salary number(10),

gender varchar2(6),

addr varchar2(15)

);

insert into eplfy23 values(1,'samir',35000,'male','satara');

insert into eplfy23 values(2,'revati',25000,'female','nagar');

insert into eplfy23 values(3,'abhiram',45000,'male','baramati');

insert into eplfy23 values(4,'komal',20000,'female','pune');

insert into eplfy23 values(5,'anita',31000,'female','mumbai');

insert into eplfy23 values(6,'samir',35000,'male','pune');

select \* from eplfy23 order by eno;

ENO ENAME SALARY GENDER ADDR

1 samir 35000 male satara

2 revati 25000 female nagar

3 abhiram 45000 male baramati

4 komal 20000 female pune

5 anita 31000 female mumbai

6 samir 35000 male pune

=========================================================

create table pfy23

(

pno number(3)primary key,

pname varchar2(15),

control varchar2(15),

budget number(10)

);

insert into pfy23 values(1,'erp','account',12000);

insert into pfy23 values(2,'sap','account',22000);

insert into pfy23 values(3,'work capital','finance',12000);

insert into pfy23 values(4,'capital','finance',400000);

insert into pfy23 values(5,'ai','computer',2000000);

insert into pfy23 values(6,'ml','computer',10000000);

select \* from pfy23 order by pno;

PNO PNAME CONTROL BUDGET

1 erp account 12000

2 sap account 22000

3 work capital finance 12000

4 capital finance 400000

5 ai computer 2000000

6 ml computer 10000000

=========================================================

create table dpfy23

(

dno number(3)primary key,

dname varchar2(15)

);

insert into dpfy23 values(101,'account');

insert into dpfy23 values(102,'finance');

insert into dpfy23 values(103,'inventory');

insert into dpfy23 values(104,'sales');

insert into dpfy23 values(105,'computer');

select \* from dpfy23 order by dno;

DNO DNAME

101 account

102 finance

103 inventory

104 sales

105 computer

=========================================================

create table wnfy23

(

eno number(3)references eplfy23(eno)ON DELETE CASCADE,

pno number(3)references pfy23(pno)ON DELETE CASCADE,

dno number(3)references dpfy23(dno)ON DELETE CASCADE,

hrs number(2)

);

insert into wnfy23 values(1,1,101,8);

insert into wnfy23 values(2,2,102,8);

insert into wnfy23 values(2,1,101,2);

insert into wnfy23 values(3,3,103,8);

insert into wnfy23 values(4,4,103,8);

insert into wnfy23 values(4,3,103,2);

insert into wnfy23 values(5,3,105,2);

insert into wnfy23 values(6,4,104,8);

insert into wnfy23 values(6,5,105,2);

insert into wnfy23 values(5,6,104,10);

insert into wnfy23 values(6,5,105,2);

insert into wnfy23 values(4,5,105,2);

select \* from wnfy23 ;

ENO PNO DNO HRS

6 5 105 2

5 6 104 10

6 5 105 2

4 5 105 2

1 1 101 8

2 2 102 8

2 1 101 2

3 3 103 8

4 3 103 2

5 3 105 2

=======================================================

Q1) select distinct control,budget from pfy23 where budget>200000;

CONTROL BUDGET

finance 400000

computer 2000000

computer 10000000

=========================================================

Q2) select pfy23.pname,pfy23.budget,pfy23.control,dpfy23.dno from eplfy23,pfy23,dpfy23,wnfy23 where eplfy23.eno=wnfy23.pno and dpfy23.dno=wnfy23.dno and dpfy23.dno=102 and pfy23.budget>(select max(pfy23.budget) from eplfy23,pfy23,dpfy23,wnfy23 where eplfy23.eno=wnfy23.pno and pfy23.pno=wnfy23.pno and dpfy23.dno=wnfy23.dno and dpfy23.dno=wnfy23.dno and dpfy23.dno=101);

PNAME BUDGET CONTROL DNO

sap 22000 account 102

capital 400000 finance 102

ai 2000000 computer 102

ml 10000000 computer 102

=========================================================

Q3) select distinct pfy23.pname,pfy23.budget,pfy23.control,dpfy23.dno from eplfy23,pfy23,dpfy23,wnfy23 where eplfy23.eno=wnfy23.eno and pfy23.pno=wnfy23.pno and dpfy23.dno=wnfy23.dno and pfy23.budget=

(select max(pfy23.budget) from eplfy23,pfy23,dpfy23,wnfy23 where eplfy23.eno=wnfy23.eno and pfy23.pno=wnfy23.pno and dpfy23.dno=wnfy23.dno and pfy23.budget<

(select max(pfy23.budget) from pfy23));

PNAME BUDGET CONTROL DNO

ai 2000000 computer 105

=========================================================

Q4) select distinct pfy23.pname,pfy23.budget,pfy23.control,dpfy23.dno from eplfy23,pfy23,dpfy23,wnfy23 where eplfy23.eno=wnfy23.eno and pfy23.pno=wnfy23.pno and dpfy23.dno=wnfy23.dno and pfy23.budget=

(select max(pfy23.budget)from eplfy23,pfy23,dpfy23,wnfy23 where eplfy23.eno=wnfy23.eno and pfy23.pno=wnfy23.pno and dpfy23.dno=wnfy23.dno and pfy23.budget

<

(select max(pfy23.budget)from pfy23 where pfy23.budget

<

(select max(pfy23.budget)from pfy23)));

PNAME BUDGET CONTROL DNO

Capital 400000 finance 103

capital 400000 finance 104

=========================================================

Q5) select eplfy23.ename,pfy23.pname from eplfy23,pfy23,dpfy23,wnfy23 where eplfy23.eno=wnfy23.eno and pfy23.pno=wnfy23.pno and dpfy23.dno=wnfy23.dno and pfy23.pname=

(select pfy23.pname from eplfy23,pfy23,dpfy23,wnfy23 where eplfy23.eno=wnfy23.eno and pfy23.pno=wnfy23.pno and dpfy23.dno=wnfy23.dno and eplfy23.eno=3)

ENAME PNAME

abhiram work capital

komal work capital

anita work capital

=========================================================

Q6) select eplfy23.ename,pfy23.pname from eplfy23,pfy23,dpfy23,wnfy23 where eplfy23.eno=wnfy23.eno and pfy23.pno=wnfy23.pno and dpfy23.dno=wnfy23.dno and pfy23.pname!=

(select distinct pfy23.pname from eplfy23,pfy23,dpfy23,wnfy23 where eplfy23.eno=wnfy23.eno and pfy23.pno=wnfy23.pno and dpfy23.dno=wnfy23.dno and eplfy23.eno=3)

ENAME PNAME

samir ai

anita ml

samir ai

komal ai

samir erp

revati sap

revati erp

samir capital

komal capital

Q7) select eplfy23.ename,pfy23.pname ,dpfy23.dname from eplfy23,pfy23,dpfy23,wnfy23 where eplfy23.eno=wnfy23.eno and pfy23.pno=wnfy23.pno and dpfy23.dno=wnfy23.dno and pfy23.pname!=

(select distinct pfy23.pname from eplfy23,pfy23,dpfy23,wnfy23 where eplfy23.eno=wnfy23.eno and pfy23.pno=wnfy23.pno and dpfy23.dno=wnfy23.dno and dpfy23.dname='account');

ENAME PNAME DNAME

samir ai computer

anita ml sales

samir ai computer

komal ai computer

revati sap finance

abhiram work capital inventory

komal work capital inventory

anita work capital computer

samir capital sales

komal capital inventory

======================================================

Q8) select count(eplfy23.eno),pfy23.pname,pfy23.control from eplfy23,pfy23,dpfy23,wnfy23 where eplfy23.eno=wnfy23.eno and pfy23.pno=wnfy23.pno and dpfy23.dno=wnfy23.dno group by pfy23.pname,pfy23.control having count(eplfy23.eno)=1;

COUNT(EPLFY23.ENO) PNAME CONTROL

1 ml computer

1 sap account

Q9) select distinct eplfy23.ename,dpfy23.dname,eplfy23.salary from eplfy23,pfy23,dpfy23,wnfy23 where eplfy23.eno=wnfy23.eno and pfy23.pno=wnfy23.pno and dpfy23.dno=wnfy23.dno and eplfy23.gender='male' order by eplfy23.ename;

ENAME DNAME SALARY

abhiram inventory 45000

samir account 35000

samir computer 35000

samir sales 35000

Q10) select distinct eplfy23.ename,dpfy23.dname from eplfy23,pfy23,dpfy23,wnfy23 where eplfy23.eno=wnfy23.eno and pfy23.pno=wnfy23.pno and dpfy23.dno=wnfy23.dno and dpfy23.dname='finance';

ENAME DNAME

revati finance

=========================================================

Q11) select eplfy23.ename,eplfy23.addr from eplfy23 where eplfy23.addr not in('pune','mumbai');

ENAME ADDR

samir satara

revati nagar

abhiram baramati

==================================================================================================================

SET :D

create table mfy23

(

mno number(3)primary key,

mname varchar2(15),

ryear number(4),

budget number(10)

);

insert into mfy23 values(1,'dil',1995,20000000);

insert into mfy23 values(2,'ddlg',1986,10000000);

insert into mfy23 values(3,'k3g',2011,30000000);

insert into mfy23 values(4,'k2h2',2010,35000000);

insert into mfy23 values(5,'devdas',2009,41000000);

insert into mfy23 values(6,'krish',2005,52000000);

select \* from mfy23;

MNO MNAME RYEAR BUDGET

1 dil 1995 20000000

2 ddlg 1986 10000000

5 devdas 2009 41000000

6 krish 2005 52000000

4 k2h2 2010 35000000

3 k3g 2011 30000000

create table afy23

(

ano number(3)primary key,

aname varchar2(15),

role varchar2(15),

charge number(10),

addr varchar2(15)

);

insert into afy23 values(1,'shahrukh','lead',350000000,'mumbai');

insert into afy23 values(2,'amir khan','lead',400000000,'mumbai');

insert into afy23 values(3,'hritik roshan','lead',20000000,'mumbai');

insert into afy23 values(4,'preeti zinta','actress',30000000,'mumbai');

insert into afy23 values(5,'kajol','actress',30000000,'mumbai');

insert into afy23 values(6,'amrish puri','villain',30000000,'mumbai');

insert into afy23 values(7,'anupam kher','father',20000000,'mumbai');

insert into afy23 values(9,'ajay devgan','sidekick',50000000,'mumbai');

select \* from afy23 order by ano;

ANO ANAME ROLE CHARGE ADDR

1 shahrukh lead 350000000 mumbai

2 amir khan lead 400000000 mumbai

3 hritik roshan lead 20000000 mumbai

4 preeti zinta actress 30000000 mumbai

5 kajol actress 30000000 mumbai

6 amrish puri villain 30000000 mumbai

7 anupam kher father 20000000 mumbai

9 ajay devgan sidekick 50000000 mumbai

=========================================================

create table prodfy23

(pid number(3)primary key,

pname varchar2(15),

addr varchar2(15)

);

insert into prodfy23 values(1,'indra kumar','mumbai');

insert into prodfy23 values(2,'yash chopra','mumbai');

insert into prodfy23 values(3,'yash johar','mumbai');

insert into prodfy23 values(4,'bharat shaha','mumbai');

insert into prodfy23 values(5,'rakesh roshan','mumbai');

insert into prodfy23 values(6,'ashiok thakeria','mumbai');

select \* from prodfy23 order by pid;

PID PNAME ADDR

1 indra kumar mumbai

2 yash chopra mumbai

3 yash johar mumbai

4 bharat shaha mumbai

5 rakesh roshan mumbai

6 ashiok thakeria mumbai

create table mapfy23

(

mno number(3)references mfy23(mno)ON DELETE CASCADE,

ano number(3)references afy23(ano)ON DELETE CASCADE,

pid number(3)references prodfy23(pid)ON DELETE CASCADE

);

insert into mapfy23 values(1,2,1);

insert into mapfy23 values(1,7,6);

insert into mapfy23 values(2,1,2);

insert into mapfy23 values(2,5,2);

insert into mapfy23 values(2,6,2);

insert into mapfy23 values(3,1,3);

insert into mapfy23 values(3,3,3);

insert into mapfy23 values(3,5,3);

insert into mapfy23 values(4,1,3);

insert into mapfy23 values(4,5,3);

insert into mapfy23 values(5,1,4);

insert into mapfy23 values(6,3,5);

insert into mapfy23 values(6,4,5);

insert into mapfy23 values(7,9,7);

select \* from mapfy23;

MNO ANO PID

2 1 2

3 3 3

4 5 3

6 3 5

1 7 6

2 5 2

3 1 3

3 5 3

4 1 3

2 6 2

==================================================================

Q1) select afy23.aname,mfy23.mname from mfy23,afy23,prodfy23,mapfy23 where mfy23.mno=mapfy23.mno and afy23.ano=mapfy23.ano and prodfy23.pid=mapfy23.pid and mfy23.mname in('ddlg','k2h2','devdas')order by mfy23.mname;

ANAME MNAME

shahrukh ddlg

kajol ddlg

amrish puri ddlg

shahrukh devdas

kajol k2h2

shahrukh k2h2

========================================================

Q2) select mname,budget from mfy23 where budget=

(select max(budget)from mfy23);

MNAME BUDGET

krish 52000000

=========================================================

Q3) select mname,budget from mfy23 where budget=

(select max(budget)from mfy23 where budget<

(select max(budget)from mfy23));

MNAME BUDGET

Devdas 41000000

=========================================================

Q4) select afy23.aname,count(\*)as Maximum\_Worked\_in\_Film from mfy23,afy23,prodfy23,mapfy23 where mfy23.mno=mapfy23.mno and afy23.ano=mapfy23.ano and prodfy23.pid=mapfy23.pid group by afy23.aname having count(\*)=

(select max(c)from

(select count(mfy23.mno)as c from mfy23,afy23,prodfy23,mapfy23 where mfy23.mno=mapfy23.mno and afy23.ano=mapfy23.ano and prodfy23.pid=mapfy23.pid group by afy23.aname));

ANAME MAXIMUM\_WORKED\_IN\_FILM

shahrukh 4

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Q5) select mfy23.mno,prodfy23.pname,mfy23.mname from mfy23,afy23,prodfy23,mapfy23 where mfy23.mno=mapfy23.mno and afy23.ano=mapfy23.ano and prodfy23.pid=mapfy23.pid and mfy23.mno=

(select count(mfy23.mno)from mfy23 where mno=2);

MNO PNAME MNAME

1 ashiok thakeria dil

1 indra kumar dil

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Q6) select distinct afy23.aname,afy23.charge from mfy23,afy23,prodfy23,mapfy23 where mfy23.mno=mapfy23.mno and afy23.ano=mapfy23.ano and afy23.charge=

(select max(afy23.charge) from afy23);

ANAME CHARGE

amir khan 400000000

=========================================================

Q7) select distinct mfy23.mname,prodfy23.pname from mfy23,afy23,prodfy23,mapfy23 where mfy23.mno=mapfy23.mno and afy23.ano=mapfy23.ano and prodfy23.pid=mapfy23.pid and mfy23.mname='dil';

MNAME PNAME

dil ashiok thakeria

dil indra kumar

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Q8) select aname,addr from afy23 where addr!='pune';

ANAME ADDR

shahrukh mumbai

amrish puri mumbai

ajay devgan mumbai

anupam kher mumbai

hritik roshan mumbai

preeti zinta mumbai

kajol mumbai

amir khan mumbai

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