Exercise no 7

Roll no =31 Date=

Class FYBBA(CA) Batch-IV Remark=

SET A

create table depafy61

(dno number(3)primary key,

dname varchar2(15),

loc varchar2(15)

);

insert into depafy61 values(1,'finance','pune');

insert into depafy61 values(2,'inventory','pune');

insert into depafy61 values(3,'sales','pune');

insert into depafy61 values(4,'hr','mumbai');

insert into depafy61 values(5,'finance','mumbai');

insert into depafy61 values(6,'hr','mumbai');

select \* from depafy61;

select \* from defy61 order by dno;

**DNO DNAME LOC**

1 quality baramati

2 purchase baramati

3 sales baramati

4 hr baramati

5 finance baramati

create table employefy61

(

eno number(3)primary key,

ename varchar2(15),

salary number(10)NuLL,

addr varchar2(15),

phno number(10),

dno number(3)references depafy61(dno)ON DELETE CASCADE

);

insert into employefy61 values(101,'ajit',30000,'kothrud',1234567891,1);

insert into employefy61 values(102,'balaji',15000,'katraj',1234567892,2);

insert into employefy61 values(103,'chetan',9000,'sangavi',1234567893,3);

insert into employefy61 values(104,'dipak',40000,'dadar',1234567894,4);

insert into employefy61 values(105,'vinayak',10000,'dombiwali',1234567895,5);

insert into employefy61 values(106,'eshan',10000,'bhykhala',1234567896,6);

insert into employefy61 values(107,'ajay',NULL,'swargate',1234567897,1);

insert into employefy61 values(108,'abhijeet',30000,'kothrud',1234567898,1);

insert into employefy61 values(109,'balram',15000,'katraj',1234567899,2);

insert into employefy61 values(110,'chaitnya',9000,'sangavi',1234567890,3);

insert into employefy61 values(111,'dinanath',40000,'dadar',1234567811,4);

insert into employefy61 values(112,'farukh',10000,'dombiwali',1234567812,5);

insert into employefy61 values(113,'eshwar',10000,'bhykhala',1234567813,6);

insert into employefy61 values(114,'arohi',NULL,'swargate',1234567814,1);

select \* from employefy61 order by eno;

**ENO ENAME SALARY ADDR PHNO DNO**

101 ajit 30000 kothrud 1234567891 1

102 balaji 15000 katraj 1234567892 2

103 chetan 9000 sangavi 1234567893 3

104 dipak 40000 dadar 1234567894 4

105 vinayak 10000 dombiwali 1234567895 5

106 eshan 10000 bhykhala 1234567896 6

107 ajay - swargate 1234567897 1

108 abhijeet 30000 kothrud 1234567898 1

109 balram 15000 katraj 1234567899 2

110 chaitnya 9000 sangavi 1234567890 3

111 dinanath 40000 dadar 1234567811 4

112 farukh 10000 dombiwali 1234567812 5

113 eshwar 10000 bhykhala 1234567813 6

114 arohi - swargate 1234567814 1

Q 1) select \* from employefy61;

**ENO ENAME SALARY ADDR PHNO DNO**

102 balaji 15000 katraj 1234567892 2

103 chetan 9000 sangavi 1234567893 3

110 chaitnya 9000 sangavi 1234567890 3

111 dinanath 40000 dadar 1234567811 4

112 farukh 10000 dombiwali 1234567812 5

114 arohi - swargate 1234567814 1

101 ajit 30000 kothrud 1234567891 1

108 abhijeet 30000 kothrud 1234567898 1

109 balram 15000 katraj 1234567899 2

113 eshwar 10000 bhykhala 1234567813 6

104 dipak 40000 dadar 1234567894 4

105 vinayak 10000 dombiwali 1234567895 5

106 eshan 10000 bhykhala 1234567896 6

107 ajay - swargate 1234567897 1

Q2)select eno,ename from employefy61 ;

**ENO ENAME**

102 balaji

103 chetan

110 chaitnya

111 dinanath

112 farukh

114 arohi

101 ajit

108 abhijeet

109 balram

113 eshwar

104 dipak

105 vinayak

106 eshan

107 ajay

Q3)select distinct dno from employefy61 order by dno;

**DNO**

1

2

3

4

5

6

Q4) select \* from employefy61 where dno=1;

**ENO ENAME SALARY ADDR PHNO DNO**

114 arohi - swargate 1234567814 1

101 ajit 30000 kothrud 1234567891 1

108 abhijeet 30000 kothrud 1234567898 1

107 ajay - swargate 1234567897 1

Q5)select \* from employefy61 where addr='kothrud' and salary>10000;

**ENO ENAME SALARY ADDR PHNO DNO**

101 ajit 30000 kothrud 1234567891 1

108 abhijeet 30000 kothrud 1234567898 1

Q6)select \* from depafy61,employefy61 where depafy61.dno=employefy61.dno and depafy61.loc='pune'and employefy61.salary between 15000 and 40000;

**DNO DNAME LOC ENO ENAME SALARYADDR PHNO DNO**

2 inventory pune 102 balaji 15000 katraj1234567892 2

1 finance pune 101 ajit 30000 kothrud 1234567891 1

1 finance pune 108 abhijeet 30000 kothrud 1234567898 1

2 inventory pune 109 balram 15000 katraj 1234567899 2

Q7)select \* from employefy61 where ename like 'aj\_%';

**ENO ENAME SALARY ADDR PHNO DNO**

101 ajit 30000 kothrud 1234567891 1

107 ajay - swargate 1234567897 1

Q8)select \* from employefy61 where ename like '%a%';

**ENO ENAME SALARY ADDR PHNO DNO**

102 balaji 15000 katraj 1234567892 2

103 chetan 9000 sangavi 1234567893 3

110 chaitnya 9000 sangavi 1234567890 3

111 dinanath 40000 dadar 1234567811 4

112 farukh 10000 dombiwali 1234567812 5

114 arohi - swargate 1234567814 1

101 ajit 30000 kothrud 1234567891 1

108 abhijeet 30000 kothrud 1234567898 1

109 balram 15000 katraj 1234567899 2

113 eshwar 10000 bhykhala 1234567813 6

104 dipak 40000 dadar 1234567894 4

105 vinayak 10000 dombiwali 1234567895 5

106 eshan 10000 bhykhala 1234567896 6

107 ajay - swargate 1234567897 1

Q9) select \* from employefy61 where salary is NULL;

**ENO ENAME SALARY ADDR PHNO DNO**

114 arohi - swargate 1234567814 1

107 ajay - swargate 1234567897 1

Q10)select \* from employefy61 order by eno;

**ENO ENAME SALARY ADDR PHNO DNO**

101 ajit 30000 kothrud 1234567891 1

102 balaji 15000 katraj 1234567892 2

103 chetan 9000 sangavi 1234567893 3

104 dipak 40000 dadar 1234567894 4

105 vinayak 10000 dombiwali 1234567895 5

106 eshan 10000 bhykhala 1234567896 6

107 ajay - swargate 1234567897 1

108 abhijeet 30000 kothrud 1234567898 1

109 balram 15000 katraj 1234567899 2

110 chaitnya 9000 sangavi 1234567890 3

111 dinanath 40000 dadar 1234567811 4

112 farukh 10000 dombiwali 1234567812 5

113 eshwar 10000 bhykhala 1234567813 6

114 arohi - swargate 1234567814 1

Q11)select \* from employefy61 order by dno,enodesc;

**ENO ENAME SALARY ADDR PHNO DNO**

114 arohi - swargate 1234567814 1

108 abhijeet 30000 kothrud 1234567898 1

107 ajay - swargate 1234567897 1

101 ajit 30000 kothrud 1234567891 1

109 balram 15000 katraj 1234567899 2

102 balaji 15000 katraj 1234567892 2

110 chaitnya 9000 sangavi 1234567890 3

103 chetan 9000 sangavi 1234567893 3

111 dinanath 40000 dadar 1234567811 4

104 dipak 40000 dadar 1234567894 4

112 farukh 10000 dombiwali 1234567812 5

105 vinayak 10000 dombiwali 1234567895 5

113 eshwar 10000 bhykhala 1234567813 6

106 eshan 10000 bhykhala 1234567896 6

Q12)select depafy61 .dno as department ,sum(employefy61.salary)as total from depafy61,employefy61 where depafy61.dno=employefy61.dno group by depafy61.dno order by depafy61.dno;

**DEPARTMENT TOTAL**

1 60000

2 30000

3 18000

4 80000

5 20000

6 20000

Q13)select dno as department,count(eno)as total\_emp from employefy61 group by dno having count(eno)>3 order by dno;

**DEPARTMENT TOTAL\_EMP**

1 4

Q14)select avg(salary)from employefy61;

**AVG(SALARY)**

19000

Q15)select max(salary),dno from employefy61 group by dno having max(salary)>15000;

**MAX(SALARY) DNO**

30000 1

40000 4

Q16)select dno,min(salary)from employefy61 group by dno order by dno;

**DNO MIN(SALARY)**

1 30000

2 15000

3 9000

4 40000

5 10000

6 10000

Q17)update employefy61 set employefy61.salary=(employefy61.salary+(0.5\*employefy61.salary))where employefy61.dno=

(select depafy61.dno from depafy61 where depafy61.dno=employefy61.dno and depafy61.dname='finance');

6 row(s) updated.

Q18)update employefy61 set employefy61.dno=(select depafy61.dno from depafy61 where depafy61.dname='finance')where depafy61.dno=(select depafy61.dno from depafy61,employefy61 where depafy61.dno=employefy61.dno and depafy61.dname='inventory');

SET B

create table areafy61

(

ano number(3)primary key,

aname varchar2(15),

atype varchar2(15)

);

insert into areafy61 values(1,'baramati','rural');

insert into areafy61 values(2,'indapur','rural');

insert into areafy61 values(3,'pune','urban');

insert into areafy61 values(4,'mumbai','urban');

insert into areafy61 values(5,'shirur','rural');

insert into areafy61 values(6,'chennai','urban');

insert into areafy61 values(7,'nagar','urban');

insert into areafy61 values(8,'daund','rural');

select \* from areafy61 order by ano;

**ANO ANAME ATYPE**

1 baramati rural

2 indapur rural

3 pune urban

4 mumbai urban

5 shirur rural

6 chennai urban

7 nagar urban

8 daund rural

create table perfy61

(

pno number(3)primary key,

pname varchar2(15),

bdate date,

income number(10),

ano number(3)references areafy61 (ano)ON DELETE CASCADE

);

insert into perfy61 values(101,'vishal','12-jun-1983',25000,1);

insert into perfy61 values(102,'shekhar','12-jun-1986',35000,1);

insert into perfy61 values(103,'suraj','11-feb-1999',125000,1);

insert into perfy61 values(104,'vyanktesh','17-march-1986',85000,3);

insert into perfy61 values(105,'gorakh','25-dec-1989',650000,3);

insert into perfy61 values(106,'sarfraj','10-jun-1985',35000,2);

insert into perfy61 values(107,'rahul','11-may-1986',35000,5);

insert into perfy61 values(108,'ajay','11-may-1986',45000,6);

insert into perfy61 values(109,'dipak','11-jan-1986',35000,7);

insert into perfy61 values(110,'nilesh','11-may-1986',65000,8);

select \* from perfy61 order by pno;

**PNO PNAME BDATE INCOME ANO**

101 vishal 12-JUN-83 25000 1

102 shekhar 12-JUN-86 35000 1

103 suraj 11-FEB-99 125000 1

104 vyanktesh 17-MAR-86 85000 3

105 gorakh 25-DEC-89 650000 3

106 sarfraj 10-JUN-85 35000 2

107 rahul 11-MAY-86 35000 5

108 ajay 11-MAY-86 45000 6

109 dipak 11-JAN-86 35000 7

110 nilesh 11-MAY-86 65000 8

Q1)select perfy61.pname from perfy61,areafy61 where perfy61.ano=areafy61.ano and areafy61.atype='rural';

**dname**

rahul

shekhar

suraj

nilesh

vishal

sarfraj

Q2)select length(pname),pname from perfy61 where pnamelike'v%' group by pname having pname=

(select max(pname) from perfy61);

**LENGTH(PNAME) PNAME**

9 vyanktesh

Q3)select pname FROM perfy61 WHERE to\_char(bdate,'mon')='jun';

**PNAME**

shekhar

vishal

sarfraj

selectpname From perfy61 WHERE to\_char(bdate,'yyyy')=1983;

**PNAME**

Vishal

selectpname From perfy61 WHERE to\_char(bdate,'dd')=12;

**PNAME**

shekhar

vishal

Q4)select count(pname) as Born\_on\_same\_Day from perfy61 WHERE to\_char(bdate,'dd')=12;

**BORN\_ON\_SAME\_DAY**

2

Q5)select count(pname) as Below\_income from perfy61 where income<30000;

**BELOW\_INCOME**

1

Q6)select pname from perfy61 where income between 35000 and 55000;

**PNAME**

rahul

shekhar

dipak

sarfraj

ajay

Q7)select avg(distinct income),pname from perfy61 group by pname;

**AVG(DISTINCTINCOME) PNAME**

45000 ajay

35000 dipak

650000 gorakh

65000 nilesh

35000 rahul

35000 sarfraj

35000 shekhar

125000 suraj

25000 vishal

85000 vyanktesh

Q8)select sum(perfy61.income)from perfy61,areafy61 where perfy61. ano=areafy61.ano and areafy61.aname='pune';

**SUM(PERFY61.INCOME)**

735000

Q9)select max(perfy61.income),areafy61.aname from perfy61,areafy61 where perfy61.ano=areafy61.ano group by areafy61.aname having areafy61.aname='pune';

**MAX(PERFY61.INCOME) ANAME**

650000 pune

Q10)select count(perfy61.pname)as Area\_Wise\_Count,areafy61.aname from perfy61,areafy61 where perfy61.ano=areafy61.ano group by areafy61.aname;

**AREA\_WISE\_COUNT ANAME**

1 nagar

1 indapur

1 chennai

3 baramati

2 pune

1 shirur

Q11) select areafy61.aname,perfy61.pname,perfy61.income,areafy61.atype from perfy61,areafy61 where perfy61.ano=areafy61.ano and perfy61.income=(select max(perfy61.income)from perfy61,areafy61 where perfy61.ano=areafy61.ano and areafy61.atype!='urban');

**ANAME PNAME INCOME ATYPE**

baramati suraj 125000 rural

Q12) select \* from areafy61,perfy61 where areafy61.ano=perfy61.ano order by perfy61.pno;

**ANO ANAME ATYPE PNO PNAME BDATE INCOME ANO**

1 baramati rural 101 vishal 12-JUN-83 25000 1

1 baramati rural 102 shekhar 12-JUN-86 35000 1

1 baramati rural 103 suraj 11-FEB-99 125000 1

3 pune urban 104 vyanktesh 17-MAR-86 85000 3

3 pune urban 105 gorakh 25-DEC-89 650000 3

2 indapur rural 106 sarfraj 10-JUN-85 35000 2

5 shirur rural 107 rahul 11-MAY-86 35000 5

6 chennai urban 108 ajay 11-MAY-86 45000 6

7 nagar urban 109 dipak 11-JAN-86 35000 7

8 daund rural 110 nilesh 11-MAY-86 65000 8

Q13) select perfy61.pname,areafy61.aname from areafy61,perfy61 where areafy61.ano=perfy61.ano order by areafy61.aname,perfy61.pname;

**PNAME ANAME**

shekhar baramati

suraj baramati

vishal baramati

ajay chennai

nilesh daund

sarfraj indapur

dipak nagar

gorakh pune

vyanktesh pune

rahul shirur

Q14) select min(perfy61.income) from areafy61,perfy61 where areafy61.ano=perfy61.ano;

**MIN(PERFY61.INCOME)**

25000

OR

select min(perfy61.income),areafy61.atype from areafy61,perfy61 where areafy61.ano=perfy61.ano group by areafy61.atype having areafy61.atype!='urban';

**MIN(PERFY61.INCOME) ATYPE**

25000 rural

OR

select min(perfy61.income),areafy61.atype from areafy61,perfy61 where areafy61.ano=perfy61.ano group by areafy61.atype having areafy61.atype!='rural';

**MIN(PERFY61.INCOME) ATYPE**

35000 urban

Q15) update areafy61 set aname='mumbai' where aname='pune';

select \* from areafy61 where aname='mumbai';

**ANO ANAME ATYPE**

4 mumbai urban

3 mumbai urban

Q16) delete from areafy61 where atype ='urban';

4 row(s) deleted.

SET C

create table eplfy61

(

eno number(3)primary key,

ename varchar2(15),

salary number(10),

gender varchar2(6),

addr varchar2(15)

);

insert into eplfy61 values(1,'samir',35000,'male','satara');

insert into eplfy61 values(2,'revati',25000,'female','nagar');

insert into eplfy61 values(3,'abhiram',45000,'male','baramati');

insert into eplfy61 values(4,'komal',20000,'female','pune');

insert into eplfy61 values(5,'anita',31000,'female','mumbai');

insert into eplfy61 values(6,'samir',35000,'male','pune');

select \* from eplfy61 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 pfy61

(

pno number(3)primary key,

pname varchar2(15),

control varchar2(15),

budget number(10)

);

insert into pfy61 values(1,'erp','account',12000);

insert into pfy61 values(2,'sap','account',22000);

insert into pfy61 values(3,'work capital','finance',12000);

insert into pfy61 values(4,'capital','finance',400000);

insert into pfy61 values(5,'ai','computer',2000000);

insert into pfy61 values(6,'ml','computer',10000000);

select \* from pfy61 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 dptfy61

(

dno number(3)primary key,

dname varchar2(15)

);

insert into dptfy61 values(101,'account');

insert into dptfy61 values(102,'finance');

insert into dptfy61 values(103,'inventory');

insert into dptfy61 values(104,'sales');

insert into dptfy61 values(105,'computer');

select \* from dptfy61 order by dno;

**DNO DNAME**

101 account

102 finance

103 inventory

104 sales

105 computer

create table wonfy61

(

eno number(3)references eplfy61(eno)ON DELETE CASCADE,

pno number(3)references pfy61(pno)ON DELETE CASCADE,

dno number(3)references dptfy61(dno)ON DELETE CASCADE,

hrs number(2)

);

insert into wonfy61 values(1,1,101,8);

insert into wonfy61 values(2,2,102,8);

insert into wonfy61 values(2,1,101,2);

insert into wonfy61 values(3,3,103,8);

insert into wonfy61 values(4,4,103,8);

insert into wonfy61 values(4,3,103,2);

insert into wonfy61 values(5,3,105,2);

insert into wonfy61 values(6,4,104,8);

insert into wonfy61 values(6,5,105,2);

insert into wonfy61 values(5,6,104,10);

insert into wonfy61 values(6,5,105,2);

insert into wonfy61 values(4,5,105,2);

select \* from wonfy61 ;

**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 pfy61 where budget>200000;

**CONTROL BUDGET**

finance 400000

computer 2000000

computer 10000000

Q2) select pfy61.pname,pfy61.budget,pfy61.control,dptfy61.dno from eplfy61,pfy61,dptfy61,wonfy61 where eplfy61.eno=wonfy61.pno and dptfy61.dno=wonfy61.dno and dptfy61.dno=102 and pfy61.budget>(select max(pfy61.budget) from eplfy61,pfy61,dptfy61,wonfy61 where eplfy61.eno=wonfy61.pno and pfy61.pno=wonfy61.pno and dptfy61.dno=wonfy61.dno and dptfy61.dno=wonfy61.dno and dptfy61.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 pfy61.pname,pfy61.budget,pfy61.control,dptfy61.dno from eplfy61,pfy61,dptfy61,wonfy61 where eplfy61.eno=wonfy61.eno and pfy61.pno=wonfy61.pno and dptfy61.dno=wonfy61.dno and pfy61.budget=

(select max(pfy61.budget) from eplfy61,pfy61,dptfy61,wonfy61 where eplfy61.eno=wonfy61.eno and pfy61.pno=wonfy61.pno and dptfy61.dno=wonfy61.dno and pfy61.budget<

(select max(pfy61.budget) from pfy61));

**PNAME BUDGET CONTROL DNO**

ai 2000000 computer 105

Q4) select distinct pfy61.pname,pfy61.budget,pfy61.control,dptfy61.dno from eplfy61,pfy61,dptfy61,wonfy61 where eplfy61.eno=wonfy61.eno and pfy61.pno=wonfy61.pno and dptfy61.dno=wonfy61.dno and pfy61.budget=

(select max(pfy61.budget)from eplfy61,pfy61,dptfy61,wonfy61 where eplfy61.eno=wonfy61.eno and pfy61.pno=wonfy61.pno and dptfy61.dno=wonfy61.dno and pfy61.budget

<

(select max(pfy61.budget)from pfy61 where pfy61.budget

<

(select max(pfy61.budget)from pfy61)));

**PNAME BUDGET CONTROL DNO**

Capital 400000 finance 103

capital 400000 finance 104

Q5) select eplfy61.ename,pfy61.pname from eplfy61,pfy61,dptfy61,wonfy61 where eplfy61.eno=wonfy61.eno and pfy61.pno=wonfy61.pno and dptfy61.dno=wonfy61.dno and pfy61.pname=

(select pfy61.pname from eplfy61,pfy61,dptfy61,wonfy61 where eplfy61.eno=wonfy61.eno and pfy61.pno=wonfy61.pno and dptfy61.dno=wonfy61.dno and eplfy61.eno=3)

**ENAME PNAME**

abhiram work capital

komal work capital

anita work capital

Q6) select eplfy61.ename,pfy61.pname from eplfy61,pfy61,dptfy61,wonfy61 where eplfy61.eno=wonfy61.eno and pfy61.pno=wonfy61.pno and dptfy61.dno=wonfy61.dno and pfy61.pname!=

(select distinct pfy61.pname from eplfy61,pfy61,dptfy61,wonfy61 where eplfy61.eno=wonfy61.eno and pfy61.pno=wonfy61.pno and dptfy61.dno=wonfy61.dno and eplfy61.eno=3)

**ENAME PNAME**

samir ai

anita ml

samir ai

komal ai

samir erp

revati sap

revati erp

samir capital

komal capital

Q7) select eplfy61.ename,pfy61.pname ,dptfy61.dname from eplfy61,pfy61,dptfy61,wonfy61 where eplfy61.eno=wonfy61.eno and pfy61.pno=wonfy61.pno and dptfy61.dno=wonfy61.dno and pfy61.pname!=

(select distinct pfy61.pname from eplfy61,pfy61,dptfy61,wonfy61 where eplfy61.eno=wonfy61.eno and pfy61.pno=wonfy61.pno and dptfy61.dno=wonfy61.dno and dptfy61.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(eplfy61.eno),pfy61.pname,pfy61.control from eplfy61,pfy61,dptfy61,wonfy61 where eplfy61.eno=wonfy61.eno and pfy61.pno=wonfy61.pno and dptfy61.dno=wonfy61.dno group by pfy61.pname,pfy61.control having count(eplfy61.eno)=1;

**COUNT(EPLFY61.ENO) PNAME CONTROL**

1 ml computer

1 sap account

Q9) select distinct eplfy61.ename,dptfy61.dname,eplfy61.salary from eplfy61,pfy61,dptfy61,wonfy61 where eplfy61.eno=wonfy61.eno and pfy61.pno=wonfy61.pno and dptfy61.dno=wonfy61.dno and eplfy61.gender='male' order by eplfy61.ename;

**ENAME DNAME SALARY**

abhiram inventory 45000

samir account 35000

samir computer 35000

samir sales 35000

Q10) select distinct eplfy61.ename,dptfy61.dname from eplfy61,pfy61,dptfy61,wonfy61 where eplfy61.eno=wonfy61.eno and pfy61.pno=wonfy61.pno and dptfy61.dno=wonfy61.dno and dptfy61.dname='finance';

**ENAME DNAME**

revati finance

Q11) select eplfy61.ename,eplfy61.addr from eplfy61 where eplfy61.addr not in('pune','mumbai');

**ENAME ADDR**

samir satara

revati nagar

abhiram baramati

SET D

create table mfy61

(

mno number(3)primary key,

mname varchar2(15),

ryear number(4),

budget number(10)

);

insert into mfy61 values(1,'dil',1995,20000000);

insert into mfy61 values(2,'ddlg',1986,10000000);

insert into mfy61 values(3,'k3g',2011,30000000);

insert into mfy61 values(4,'k2h2',2010,35000000);

insert into mfy61 values(5,'devdas',2009,41000000);

insert into mfy61 values(6,'krish',2005,52000000);

select \* from mfy61;

**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 afy61

(

ano number(3)primary key,

aname varchar2(15),

role varchar2(15),

charge number(10),

addr varchar2(15)

);

insert into afy61 values(1,'shahrukh','lead',350000000,'mumbai');

insert into afy61 values(2,'amir khan','lead',400000000,'mumbai');

insert into afy61 values(3,'hritik roshan','lead',20000000,'mumbai');

insert into afy61 values(4,'preeti zinta','actress',30000000,'mumbai');

insert into afy61 values(5,'kajol','actress',30000000,'mumbai');

insert into afy61 values(6,'amrish puri','villain',30000000,'mumbai');

insert into afy61 values(7,'anupam kher','father',20000000,'mumbai');

insert into afy61 values(9,'ajay devgan','sidekick',50000000,'mumbai');

select \* from afy61 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 prodfy61

(pid number(3)primary key,

pname varchar2(15),

addr varchar2(15)

);

insert into prodfy61 values(1,'indra kumar','mumbai');

insert into prodfy61 values(2,'yash chopra','mumbai');

insert into prodfy61 values(3,'yash johar','mumbai');

insert into prodfy61 values(4,'bharat shaha','mumbai');

insert into prodfy61 values(5,'rakesh roshan','mumbai');

insert into prodfy61 values(6,'ashiok thakeria','mumbai');

select \* from prodfy61 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 mapfy61

(

mno number(3)references mfy61(mno)ON DELETE CASCADE,

ano number(3)references afy61(ano)ON DELETE CASCADE,

pid number(3)references prodfy61(pid)ON DELETE CASCADE

);

insert into mapfy61 values(1,2,1);

insert into mapfy61 values(1,7,6);

insert into mapfy61 values(2,1,2);

insert into mapfy61 values(2,5,2);

insert into mapfy61 values(2,6,2);

insert into mapfy61 values(3,1,3);

insert into mapfy61 values(3,3,3);

insert into mapfy61 values(3,5,3);

insert into mapfy61 values(4,1,3);

insert into mapfy61 values(4,5,3);

insert into mapfy61 values(5,1,4);

insert into mapfy61 values(6,3,5);

insert into mapfy61 values(6,4,5);

insert into mapfy61 values(7,9,7);

select \* from mapfy61;

**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 afy61.aname,mfy61.mname from mfy61,afy61,prodfy61,mapfy61 where mfy61.mno=mapfy61.mno and afy61.ano=mapfy61.ano and prodfy61.pid=mapfy61.pid and mfy61.mname in('ddlg','k2h2','devdas')order by mfy61.mname;

**ANAME MNAME**

shahrukh ddlg

kajol ddlg

amrish puri ddlg

shahrukh devdas

kajol k2h2

shahrukh k2h2

Q2) select mname,budget from mfy61 where budget=

(select max(budget)from mfy61);

**MNAME BUDGET**

krish 52000000

Q3) select mname,budget from mfy61 where budget=

(select max(budget)from mfy61 where budget<

(select max(budget)from mfy61));

**MNAME BUDGET**

Devdas 41000000

Q4) select afy61.aname,count(\*)as Maximum\_Worked\_in\_Film from mfy61,afy61,prodfy61,mapfy61 where mfy61.mno=mapfy61.mno and afy61.ano=mapfy61.ano and prodfy61.pid=mapfy61.pid group by afy61.aname having count(\*)=

(select max(c)from

(select count(mfy61.mno)as c from mfy61,afy61,prodfy61,mapfy61 where mfy61.mno=mapfy61.mno and afy61.ano=mapfy61.ano and prodfy61.pid=mapfy61.pid group by afy61.aname));

**ANAME MAXIMUM\_WORKED\_IN\_FILM**

shahrukh 4

Q5) select mfy61.mno,prodfy61.pname,mfy61.mname from mfy61,afy61,prodfy61,mapfy61 where mfy61.mno=mapfy61.mno and afy61.ano=mapfy61.ano and prodfy61.pid=mapfy61.pid and mfy61.mno=

(select count(mfy61.mno)from mfy61 where mno=2);

**MNO PNAME MNAME**

1 ashiok thakeria dil

1 indra kumar dil

Q6) select distinct afy61.aname,afy61.charge from mfy61,afy61,prodfy61,mapfy61 where mfy61.mno=mapfy61.mno and afy61.ano=mapfy61.ano and afy61.charge=

(select max(afy61.charge) from afy61);

**ANAME CHARGE**

amir khan 400000000

Q7) select distinct mfy61.mname,prodfy61.pname from mfy61,afy61,prodfy61,mapfy61 where mfy61.mno=mapfy61.mno and afy61.ano=mapfy61.ano and prodfy61.pid=mapfy61.pid and mfy61.mname='dil';

**MNAME PNAME**

dil ashiok thakeria

dil indra kumar

Q8) select aname,addr from afy61 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