

A) List the salary of all the employees

SOL....

```
SELECT ENAME,SALARY FROM EMPLOYEE;
```

ENAME	SALARY
AJIT NAYAK	35000
SATYA	32770
AJIT BEHERA	32802
UMASHANKAR	32770
BHAGWAT	32802
NIHAR NAYAK	29105
DEBASMITA	20500

B)Display the names of all employees with any “A” at any place of the name

SOL..

```
SELECT*
FROM EMPLOYEE
WHERE ENAME LIKE '%A%';
```

ENAME	ESRNO	BDATE	ADDRESS	SEX	SALARY	MGRSRNO	DNO
AJIT NAYAK	133100	25-APR-55	73 BOSTON	M	35000	-	1
SATYA	495823	17-JUL-66	26 FINE OAK	M	32770	133100	4
AJIT BEHERA	315152	09-JUL-71	10 KALINGA	M	32802	133100	3
UMASHANKAR	216852	17-JUL-67	26 FINE OAK	M	32770	133100	2
BHAGWAT	215152	23-MAR-71	55 FLORIDA	M	32802	216852	2
MEENAKSHI	334548	25-APR-79	73 BRIKLY	F	25125	315152	3
JASWASI	215485	12-AUG-79	17 BOSTON	M	20500	495823	4
NIHAR NAYAK	334524	17-DEC-66	73 DALLAS	M	29105	315152	3
DEBASMITA	295485	16-APR-70	1 QUEENS LAND	F	20500	216852	2

C)Show all employees who were hired in the first half of the month (Before the 16th of themonth)

SOL.....

D)Display the name of all female employees

SOL.....

```
SELECT ENAME FROM EMPLOYEE
WHERE SEX='F';
```

ENAME
MEENAKSHI
DEBASMITA

E)Display the employee who is paid most in the company.

SOL...

```
SELECT* FROM EMPLOYEE
WHERE SALARY IN
(SELECT MAX(SALARY)
FROM EMPLOYEE);
```

ENAME	ESRNO	BDATE	ADDRESS	SEX	SALARY	MGRSRNO	DNO
AJIT NAYAK	133100	25-APR-55	73 BOSTON	M	35000	-	1

2.

A)Display employee name, address, department no and department name.

SOL...

```
SELECT ENAME,ADDRESS,DNO,DNAME
FROM EMPLOYEE,DEPARTMENT
```

WHERE EMPLOYEE.DNO=DEPARTMENT.DNUMBER;

ENAME	ADDRESS	DNO	DNAME
AJIT NAYAK	73 BOSTON	1	ADMIN
SATYA	26 FINE OAK	4	RESEARCH
AJIT BEHERA	10 KALINGA	3	ACADEMIC
UMASHANKAR	26 FINE OAK	2	PROJECT
BHAGWAT	55 FLORIDA	2	PROJECT
MEENAKSHI	73 BRIKLY	3	ACADEMIC
JASWASI	17 BOSTON	4	RESEARCH

NIHAR NAYAK	73 DALLAS	3	ACADEMIC
DEBASMITA	1 QUEENS LAND	2	PROJECT

B)Display all the employees who are not in ACADEMIC department

SOL...

```
SELECT ENAME,DNAME
FROM EMPLOYEE,DEPARTMENT
WHERE EMPLOYEE.DNO=DEPARTMENT.DNUMBER
AND DNAME NOT IN 'ACADEMIC';
```

ENAME	DNAME
AJIT NAYAK	ADMIN
SATYA	RESEARCH
UMASHANKAR	PROJECT
BHAGWAT	PROJECT
JASWASI	RESEARCH
DEBASMITA	PROJECT

C)Display SATYA’S project location.

SOL...

```
SELECT ENAME,PLOCATION
FROM EMPLOYEE,PROJECT
WHERE EMPLOYEE.DNO=PROJECT.DNUM
AND ENAME='SATYA';
```

ENAME	PLOCATION
SATYA	KOREA

D)Find the total working hours of each female employee.

SOL....SELECT ENAME,SEX,HOURS

```
FROM EMPLOYEE, WORKS_ON, DEPARTMENT, PROJECT
WHERE EMPLOYEE.DNO=DEPARTMENT.DNUMBER
AND DEPARTMENT.DNUMBER=PROJECT.DNUM
AND PROJECT.PNUMBER=WORKS_ON.PNO
```

AND SEX ='F'

GROUP BY ENAME, SEX, HOURS ;

ENAME	SEX	HOURS
MEENAKSHI	F	1.25
DEBASMITA	F	1.25
DEBASMITA	F	2.41
DEBASMITA	F	1.36
MEENAKSHI	F	2.54
DEBASMITA	F	7.2
MEENAKSHI	F	3.24
MEENAKSHI	F	2.05
DEBASMITA	F	2.32
MEENAKSHI	F	3.28
MEENAKSHI	F	2.5
DEBASMITA	F	5.35

E)Display the details of the people whose projects are located at SOUTH AFRICA.

SOL...

SELECT PLOCATION, ENAME
FROM EMPLOYEE, DEPARTMENT, PROJECT

WHERE EMPLOYEE.DNO=DEPARTMENT.DNUMBER
AND DEPARTMENT.DNUMBER=DNUM
AND PLOCATION= '**SOUTH AFRICA**'

PLOCATION	ENAME
SOUTH AFRICA	AJIT BEHERA
SOUTH AFRICA	MEENAKSHI
SOUTH AFRICA	NIHAR NAYAK