Table to perform selecting and searching Queries :

SQL> create table employee(id number,name varchar(20),designation varchar(10),age number,salary number);

SQL> Table Created.

SQL> insert into employee values(&id,'&name','&designation',&age,&salary);
Enter value for id: 41
Enter value for name: Muthu
Enter value for designation: Professor
Enter value for age: 22
Enter value for salary: 25000

1 row created.

SQL> /
Enter value for id: 42
Enter value for name: Mohan
Enter value for designation: Sportsman
Enter value for age: 23
Enter value for salary: 22000

1 row created.

SQL> /
Enter value for id: 43
Enter value for name: Nantha
Enter value for designation: Officer
Enter value for age: 23
Enter value for salary: 20000

1 row created.

SQL> /
Enter value for id: 44
Enter value for name: Mohammed
Enter value for designation: Technician
Enter value for age: 22
Enter value for salary: 23000

1 row created.

```
SQL> /
Enter value for id: 45
Enter value for name: Raj
Enter value for designation: Driver
Enter value for age: 24
Enter value for salary: 18000

1 row created.

SQL> select*from employee;

       ID   NAME      DESIGNATION        AGE   SALARY
---------- ----------  --------------------  ---------- ----------
       41   Muthu       Professor           22   25000
       42   Mohan       sportsman           23   22000
       43   Nantha      Officer             23   20000
       44   Mohammed  Technician           22   23000
       45   Raj         Driver              24   18000
```

Selecting the specific values by WHERE command :

```
SQL> select name from employee where designation='Professor';

NAME
----------
Muthu
```

Sorting the names by ORDER BY command :

```
SQL> select name from employee order by name;

NAME
----------
Mohammed
Mohan
Muthu
Nantha
Raj
```

Select the Designation by SELECT DISTINCT command :

```
SQL> select distinct designation from employee;

DESIGNATION
--------------------
```

Technician
Professor
sportsman
Officer
Driver

Sorting the Designation :

SQL> select distinct designation from employee order by designation;

DESIGNATION

Driver
Officer
Professor
Technician
Sportsman

Select the particular employee by BETWEEN Command :

SQL> select name,salary from employee where salary between 15000 and 20000;

NAME   SALARY
----------   ----------
Nantha   20000
Raj   18000

Select the particular employee by NOT BETWEEN Command :

SQL> select name,salary from employee where salary not between 15000 and 20000;

NAME   SALARY
----------   ----------
Muthu   25000
Mohan   22000
Mohammed   23000

Select the name starts and ends with by LIKE command :

SQL> select name from employee where name like 'M%';

NAME

```
----------
Muthu
Mohan
Mohammed
```

SQL> select name from employee where name like '%j';

```
NAME
----------
Raj
```

Using NOT,OR,IN commands :

SQL> select name from employee where salary not between 23000 and 25000 and designation not in('Driver');

```
NAME
----------
Mohan
Nantha
```

SQL> select name from employee where age='23' or age='22';

```
NAME
----------
Muthu
Mohan
Nantha
Mohammed
```