**Creating table Donor:**

create table donor

(IDNO VARCHAR(5),

NAME VARCHAR(15),

STADR VARCHAR(15),

CITY VARCHAR(10),

STATE VARCHAR(2),

ZIP VARCHAR(5),

DATEFST DATE,

YRGOAL float(7,2),

CONTACT VARCHAR(12));

mysql> desc donor;

+---------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+---------+-------------+------+-----+---------+-------+

| IDNO | varchar(5) | YES | | NULL | |

| NAME | varchar(15) | YES | | NULL | |

| STADR | varchar(15) | YES | | NULL | |

| CITY | varchar(10) | YES | | NULL | |

| STATE | varchar(2) | YES | | NULL | |

| ZIP | varchar(5) | YES | | NULL | |

| DATEFST | date | YES | | NULL | |

| YRGOAL | float(7,2) | YES | | NULL | |

| CONTACT | varchar(12) | YES | | NULL | |

+---------+-------------+------+-----+---------+-------+

9 rows in set (0.00 sec)

**Inserting Records:**

insert into donor values('11111','Stephen Daniels','123 Elm st', 'Seekonk', 'MA', '02345', '1998-07-03',500,'John Smith');

insert into donor values('12121','Jennifer Ames','24 Benefit st', 'Providence', 'RI', '02045', '1997-05-24',400,'Susan Jones');

insert into donor values('22222','Carl Hersey','24 Benefit st', 'Providence', 'RI', '02045', '1998-01-03', NULL ,'Susan Jones');

insert into donor values('23456','Susan Ash','21 Main st', 'Fall River', 'MA', '02720', '1992-03-04',100,'Amy Costa');

insert into donor values('33333','Nancy Taylor','26 Oak st', 'Fall River', 'MA', '02720', '1992-03-04',50,'John Adams');

insert into donor values('34567','Robert Brooks','36 Pine st', 'Fall River', 'MA', '02720', '1998-04-04',50,'Amy Costa');

mysql> **select \* from donor;**

+-------+-----------------+---------------+------------+-------+-------+------------+--------+---- ---------+

| IDNO | NAME | STADR | CITY | STATE | ZIP | DATEFST | YRGOAL | CON TACT |

+-------+-----------------+---------------+------------+-------+-------+------------+--------+---- ---------+

| 11111 | Stephen Daniels | 123 Elm st | Seekonk | MA | 02345 | 1998-07-03 | 500.00 | Joh n Smith |

| 12121 | Jennifer Ames | 24 Benefit st | Providence | RI | 02045 | 1997-05-24 | 400.00 | Sus an Jones |

| 22222 | Carl Hersey | 24 Benefit st | Providence | RI | 02045 | 1998-01-03 | NULL | Sus an Jones |

| 23456 | Susan Ash | 21 Main st | Fall River | MA | 02720 | 1992-03-04 | 100.00 | Amy Costa |

| 33333 | Nancy Taylor | 26 Oak st | Fall River | MA | 02720 | 1992-03-04 | 50.00 | Joh n Adams |

| 34567 | Robert Brooks | 36 Pine st | Fall River | MA | 02720 | 1998-04-04 | 50.00 | Amy Costa |

+-------+-----------------+---------------+------------+-------+-------+------------+--------+---- ---------+

6 rows in set (0.00 sec)

**Query1. Distinct contacts:**

mysql> select distinct contact from donor;

+-------------+

| contact |

+-------------+

| John Smith |

| Susan Jones |

| Amy Costa |

| John Adams |

+-------------+

4 rows in set (0.00 sec)

**Query2:**

mysql> select idno ID, stadr StreetAdr, state St, zip Zipcode, datefst Date from donor;

+-------+---------------+------+---------+------------+

| ID | StreetAdr | St | Zipcode | Date |

+-------+---------------+------+---------+------------+

| 11111 | 123 Elm st | MA | 02345 | 1998-07-03 |

| 12121 | 24 Benefit st | RI | 02045 | 1997-05-24 |

| 22222 | 24 Benefit st | RI | 02045 | 1998-01-03 |

| 23456 | 21 Main st | MA | 02720 | 1992-03-04 |

| 33333 | 26 Oak st | MA | 02720 | 1992-03-04 |

| 34567 | 36 Pine st | MA | 02720 | 1998-04-04 |

+-------+---------------+------+---------+------------+

6 rows in set (0.00 sec)

**Query3:**

mysql> select \* from donor

-> order by yrgoal desc;

+-------+-----------------+---------------+------------+-------+-------+------------+--------+-------------+

| IDNO | NAME | STADR | CITY | STATE | ZIP | DATEFST | YRGOAL | CONTACT |

+-------+-----------------+---------------+------------+-------+-------+------------+--------+-------------+

| 11111 | Stephen Daniels | 123 Elm st | Seekonk | MA | 02345 | 1998-07-03 | 500.00 | John Smith |

| 12121 | Jennifer Ames | 24 Benefit st | Providence | RI | 02045 | 1997-05-24 | 400.00 | Susan Jones |

| 23456 | Susan Ash | 21 Main st | Fall River | MA | 02720 | 1992-03-04 | 100.00 | Amy Costa |

| 33333 | Nancy Taylor | 26 Oak st | Fall River | MA | 02720 | 1992-03-04 | 50.00 | John Adams |

| 34567 | Robert Brooks | 36 Pine st | Fall River | MA | 02720 | 1998-04-04 | 50.00 | Amy Costa |

| 22222 | Carl Hersey | 24 Benefit st | Providence | RI | 02045 | 1998-01-03 | NULL | Susan Jones |

+-------+-----------------+---------------+------------+-------+-------+------------+--------+-------------+

6 rows in **set (0.00 sec)**

**Query 4:**

mysql> select concat(stadr, city, state, zip)as ADDRESS from donor;

+--------------------------------+

| ADDRESS |

+--------------------------------+

| 123 Elm stSeekonkMA02345 |

| 24 Benefit stProvidenceRI02045 |

| 24 Benefit stProvidenceRI02045 |

| 21 Main stFall RiverMA02720 |

| 26 Oak stFall RiverMA02720 |

| 36 Pine stFall RiverMA02720 |

+--------------------------------+

6 rows in set (0.00 sec)

**Query 5:**

mysql> select datefst,state from donor order by state,datefst;

+------------+-------+

| datefst | state |

+------------+-------+

| 1992-03-04 | MA |

| 1992-03-04 | MA |

| 1998-04-04 | MA |

| 1998-07-03 | MA |

| 1997-05-24 | RI |

| 1998-01-03 | RI |

+------------+-------+

6 rows in set (0.01 sec)

**Query 6:**

mysql> select contact from donor

-> where contact like '%Jo%';

+-------------+

| contact |

+-------------+

| John Smith |

| Susan Jones |

| Susan Jones |

| John Adams |

+-------------+

4 rows in set (0.00 sec)

**Query 7:**

mysql> select name from donor where name between 'J' and 'S';

+---------------+

| name |

+---------------+

| Jennifer Ames |

| Nancy Taylor |

| Robert Brooks |

+---------------+

3 rows in set (0.00 sec)

**Query 8:**

mysql> select name,city from donor where city IN('Providence','Seekonk','Swansea');

+-----------------+------------+

| name | city |

+-----------------+------------+

| Stephen Daniels | Seekonk |

| Jennifer Ames | Providence |

| Carl Hersey | Providence |

+-----------------+------------+

3 rows in set (0.00 sec)

**Query 9:**

mysql> select name, datefst from donor where extract(year from datefst)= 1992;

+--------------+------------+

| name | datefst |

+--------------+------------+

| Susan Ash | 1992-03-04 |

| Nancy Taylor | 1992-03-04 |

+--------------+------------+

2 rows in set (0.00 sec)

**Query 10:**

mysql> select name,contact,city,state from donor where contact in('Susan Jones','John Adams') order by state,city,name;

+---------------+-------------+------------+-------+

| name | contact | city | state |

+---------------+-------------+------------+-------+

| Nancy Taylor | John Adams | Fall River | MA |

| Carl Hersey | Susan Jones | Providence | RI |

| Jennifer Ames | Susan Jones | Providence | RI |

+---------------+-------------+------------+-------+

3 rows in set (0.00 sec)