**EXPERIMENT NO: 8**

**JOINTS:**

**EQUALITY JOINTS:**

mysql> SELECT\* FROM INFO;

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

| NAME | MATHS |

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

| SHIVANI GHUGE | 80 |

| NEHA RAI | 79 |

| MRINALINI BHANDARI | 78 |

| DIPTI PANDHRAM | 77 |

| AKASH KHARVI | 76 |

| SHAHID SHAIKH | 75 |

| PRATIK MORE | 74 |

| ROHIT CHAVAN | 78 |

| SONALI DESHPANDE | 74 |

| ARJUN SAHANI | 78 |

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

9 rows in set (0.01 sec)

mysql> SELECT\* FROM info;

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

| ROLL\_NO | NAME | BRANCH | YEAR | CITY | AGE | MATHS | TCS |

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

| 10 | SHIVANI GHUGE | COMPUTER | S.E | MUMBAI | 19 | 80 | 76 |

| 20 | NEHA RAI | COMPUTER | S.E | MUMBAI | 19 | 79 | 78 |

| 30 | MRINALINI BHANDARI | I.T | S.E | MUMBAI | 19 | 78 | 76 |

| 40 | DIPTI PANDHRAM | EXTC | S.E | PUNE | 19 | 80 | 74 |

| 50 | AKASH KHARVI | COMPUTER | S.E | MUMBAI | 19 | 76 | 76 |

| 60 | SHAHID SHAIKH | COMPUTER | S.E | MUMBAI | 19 | 75 | 78 |

| 70 | PRATIK MORE | COMPUTER | S.E | MUMBAI | 19 | 74 | 76 |

| 80 | ROHIT CHAVAN | COMPUTER | S.E | MUMBAI | 19 | 78 | 78 |

| 90 | SONALI DESHPANDE | COMPUTER | S.E | MUMBAI | 19 | 74 | 80 |

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

9 rows in set (0.00 sec)

mysql> SELECT ROLL\_NO,INFO.NAME,INFO.MATHS,TCS FROM INFO,info WHERE INFO.NAME=info.NAME;

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

| ROLL\_NO | NAME | MATHS | TCS |

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

| 10 | SHIVANI GHUGE | 80 | 76 |

| 20 | NEHA RAI | 79 | 78 |

| 30 | MRINALINI BHANDARI | 78 | 76 |

| 40 | DIPTI PANDHRAM | 80 | 74 |

| 50 | AKASH KHARVI | 76 | 76 |

| 60 | SHAHID SHAIKH | 75 | 78 |

| 70 | PRATIK MORE | 74 | 76 |

| 80 | ROHIT CHAVAN | 78 | 78 |

| 90 | SONALI DESHPANDE | 74 | 80 |

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

9 rows in set (0.00 sec)

**2) SELF JOINTS:**

mysql> SELECT\* FROM INFO;

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

| NAME | MATHS |

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

| SHIVANI GHUGE | 80 |

| NEHA RAI | 79 |

| MRINALINI BHANDARI | 78 |

| DIPTI PANDHRAM | 77 |

| AKASH KHARVI | 76 |

| SHAHID SHAIKH | 75 |

| PRATIK MORE | 74 |

| ROHIT CHAVAN | 78 |

| SONALI DESHPANDE | 74 |

| ARJUN SAHANI | 78 |

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

9 rows in set (0.01 sec)

mysql> SELECT\* FROM info;

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

| ROLL\_NO | NAME | BRANCH | YEAR | CITY | AGE | MATHS | TCS |

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

| 10 | SHIVANI GHUGE | COMPUTER | S.E | MUMBAI | 19 | 80 | 76 |

| 20 | NEHA RAI | COMPUTER | S.E | MUMBAI | 19 | 79 | 78 |

| 30 | MRINALINI BHANDARI | I.T | S.E | MUMBAI | 19 | 78 | 76 |

| 40 | DIPTI PANDHRAM | EXTC | S.E | PUNE | 19 | 80 | 74 |

| 50 | AKASH KHARVI | COMPUTER | S.E | MUMBAI | 19 | 76 | 76 |

| 60 | SHAHID SHAIKH | COMPUTER | S.E | MUMBAI | 19 | 75 | 78 |

| 70 | PRATIK MORE | COMPUTER | S.E | MUMBAI | 19 | 74 | 76 |

| 80 | ROHIT CHAVAN | COMPUTER | S.E | MUMBAI | 19 | 78 | 78 |

| 90 | SONALI DESHPANDE | COMPUTER | S.E | MUMBAI | 19 | 74 | 80 |

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

9 rows in set (0.00 sec)

mysql> SELECT ROLL\_NO,INFO.NAME,INFO.MATHS,TCS FROM INFO,info WHERE INFO.NAME=info.NAME AND TCS>75;

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

| ROLL\_NO | NAME | MATHS | TCS |

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

| 10 | SHIVANI GHUGE | 80 | 76 |

| 20 | NEHA RAI | 79 | 78 |

| 30 | MRINALINI BHANDARI | 78 | 76 |

| 50 | AKASH KHARVI | 76 | 76 |

| 60 | SHAHID SHAIKH | 75 | 78 |

| 70 | PRATIK MORE | 74 | 76 |

| 80 | ROHIT CHAVAN | 78 | 78 |

| 90 | SONALI DESHPANDE | 74 | 80 |

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

8 rows in set (0.00 sec)

**3) INQUALITY JOINTS:**

mysql> SELECT\* FROM INFO;

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

| NAME | MATHS | CG |

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

| SHIVANI GHUGE | 80 | 79 |

| NEHA RAI | 79 | 79 |

| MRINALINI BHANDARI | 78 | 80 |

| DIPTI PANDHRAM | 77 | 80 |

| AKASH KHARVI | 76 | 80 |

| SHAHID SHAIKH | 75 | 79 |

| PRATIK MORE | 74 | 79 |

| ROHIT CHAVAN | 78 | 80 |

| SONALI DESHPANDE | 74 | 79 |

| ARJUN SAHANI | 75 | 79 |

| ARJUN SAHANI | 75 | 79 |

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

11 rows in set (0.00 sec)

mysql> SELECT\* FROM info; +---------+--------------------+----------+------+--------+------+-------+------+

| ROLL\_NO | NAME | BRANCH | YEAR | CITY | AGE | MATHS | TCS |

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

| 10 | SHIVANI GHUGE | COMPUTER | S.E | MUMBAI | 19 | 80 | 76 |

| 20 | NEHA RAI | COMPUTER | S.E | MUMBAI | 19 | 79 | 78 |

| 30 | MRINALINI BHANDARI | I.T | S.E | MUMBAI | 19 | 78 | 76 |

| 40 | DIPTI PANDHRAM | EXTC | S.E | PUNE | 19 | 80 | 74 |

| 50 | AKASH KHARVI | COMPUTER | S.E | MUMBAI | 19 | 76 | 76 |

| 60 | SHAHID SHAIKH | COMPUTER | S.E | MUMBAI | 19 | 75 | 78 |

| 70 | PRATIK MORE | COMPUTER | S.E | MUMBAI | 19 | 74 | 76 |

| 80 | ROHIT CHAVAN | COMPUTER | S.E | MUMBAI | 19 | 78 | 78 |

| 90 | SONALI DESHPANDE | COMPUTER | S.E | MUMBAI | 19 | 74 | 80 |

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

9 rows in set (0.00 sec)

mysql> SELECT CONCAT(RPAD(INFO.NAME,20,' '),CG) 'NAME CG' FROM INFO,info WHERE INFO.NAME=info.NAME;

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

| NAME CG |

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

| SHIVANI GHUGE 79 |

| NEHA RAI 79 |

| MRINALINI BHANDARI 80 |

| DIPTI PANDHRAM 80 |

| AKASH KHARVI 80 |

| SHAHID SHAIKH 79 |

| PRATIK MORE 79 |

| ROHIT CHAVAN 80 |

| SONALI DESHPANDE 79 |

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

9 rows in set (0.00 sec)