**EXPERIMENT NO: 4**

**1) VIEWS:**

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 |

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9 rows in set (0.00 sec)

mysql> CREATE VIEW MARKS AS SELECT MATHS,TCS FROM info;

Query OK, 0 rows affected (0.03 sec)

mysql> SELECT MATHS,TCS FROM MARKS;

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

| MATHS | TCS |

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

| 80 | 76 |

| 79 | 78 |

| 78 | 76 |

| 77 | 74 |

| 76 | 76 |

| 75 | 78 |

| 74 | 76 |

| 78 | 78 |

| 74 | 80 |

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

9 rows in set (0.00 sec)

mysql> UPDATE info SET MATHS=80 WHERE TCS=74;

Query OK, 1 row affected (0.02 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> SELECT MATHS,TCS FROM MARKS;

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

| MATHS | TCS |

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

| 80 | 76 |

| 79 | 78 |

| 78 | 76 |

| 80 | 74 |

| 76 | 76 |

| 75 | 78 |

| 74 | 76 |

| 78 | 78 |

| 74 | 80 |

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

9 rows in set (0.05 sec)

**2) DROP VIEW:**

mysql> DROP VIEW MARKS;

Query OK, 0 rows affected (0.00 sec)

**3) CREATING INDEX:**

mysql> CREATE INDEX IND\_M ON info(ROLL\_NO);

Query OK, 0 rows affected (0.23 sec)

Records: 0 Duplicates: 0 Warnings: 0

**4) DROP INDEX;**

mysql> ALTER TABLE info DROP INDEX IND\_M;

Query OK, 0 rows affected (0.11 sec)

Records: 0 Duplicates: 0 Warnings: 0