Create

1) Query:
mysql> create table tbl_student (stdId int(4) primary key, stdName varchar(30) not null, sex varchar(1), percentage decimal(5,2), stdClass int, sec varchar(1), stream varchar(10), DOB date);

Output:
Query OK, 0 rows affected (0.02 sec)

Insert

2) Query:
mysql> insert into tbl_student values (1001, "Akshara Agarwal", "F", 70, 11, "A", "Science", "1996/11/10");

Output:
Query OK, 1 rows affected, 0 warnings (0.01 sec)
Records: 1 Duplicates: 0 Warnings: 0

3) Query:
mysql> insert into tbl_student values (1002, "Anjani Sharma", "F", 75, 11, "A", "Commerce", "1996/09/18"),
   -> (1003, "Anshul Saxena", "M", 78, 11, "A", "Commerce", "1996/11/19"),
   -> (1004, "Aishwarya Singh", "F", 79, 11, "A", "Commerce", "1996/11/01"),
   -> (1005, "Akriti Saxena", "F", 76, 11, "A", "Commerce", "1996/09/20");

Output:
Query OK, 4 rows affected, 4 warnings (0.01 sec)
Records: 4 Duplicates: 0 Warnings: 4

4) Query:
mysql> insert into tbl_student values (1006, "Kushi Agarwal", "F", 77, 11, "A", "Commerce", "2003/09/14"),
   -> (1007, "Maahi Agarwal", "F", 74, 11, "A", "Commerce", "1997/04/21"),
   -> (1008, "Mitali Gupta", "F", 78, 12, "A", "Science", "1997/11/26"),
   -> (1009, "Nikunj Agarwal", "M", 58, 12, "A", "Science", "1997/07/12"),
   -> (1010, "Parkhi", "F", 59, 12, "A", "Commerce", "1997/12/20");

Output:
Query OK, 5 rows affected, 5 warnings (0.01 sec)
Records: 5 Duplicates: 0 Warnings: 5

5) Query:
mysql> update tbl_student set stream = "Science" where stdId = 1007;
Query OK, 1 row affected (0.01 sec)

Output:
Rows matched: 1 Changed: 1 Warnings: 0

6) Query:
mysql> insert into tbl_student values (1011, "Prakhar Tiwari", "M", 43, 12, "A", "Science", "1997/04/22"),
    -> (1012, "Raghul Gangwar", "M", 58, 12, "A", "Commerce", "1997/12/21"),
    -> (1013, "Sahil Saraswat", "M", 57, 12, "A", "Commerce", "1997/08/13"),
    -> (1014, "Swati Mishra", "F", 98, 11, "A", "Science", "1996/08/13"),
    -> (1015, "Harsh Agarwal", "M", 58, 11, "B", "Science", "2003/08/28"),
    -> (1016, "Harshit Kumar", "M", 98, 11, "B", "Science", "2003/05/22");

Output:
Query OK, 6 rows affected, 6 warnings (0.01 sec)
Records: 6 Duplicates: 0 Warnings: 6

7) Query:
mysql> insert into tbl_student values (1017, "Jahanvi Kapoor", "M", 65, 11, "B", "Science", "1997/01/10"),
    -> (1018, "Stuti Mishra", "M", 66, 11, "C", "Commerce", "1996/01/10"),
    -> (1019, "Suryash Kumar Agarwal", "M", 85, 11, "C", "Commerce", "2007/08/22"),
    -> (1020, "Tani Rastogi", "F", 75, 12, "C", "Commerce", "1998/01/15"),
    -> (1021, "Tanishk Gupta", "M", 55, 12, "C", "Science", "1998/04/11"),
    -> (1022, "Tanmay Agarwal", "M", 57, 11, "C", "Commerce", "1998/06/28"),
    -> (1023, "Yash Saxena", "M", 79, 11, "C", "Science", "1998/03/13"),
    -> (1024, "Yesh Dubey", "M", 85, 12, "C", "Commerce", "1998/04/03");

Output:
Query OK, 8 rows affected, 8 warnings (0.01 sec)
Records: 8 Duplicates: 0 Warnings: 8

Lab Activity - 2

1) Query:

mysql> select * from tbl_student;

Output:

```
+-------+----------------------+------+------------+----------+------+----------+------------+
| stdId | stdName              | sex  | percentage | stdClass | sec  | stream   | DOB        |
+-------+----------------------+------+------------+----------+------+----------+------------+
|  1001 | Akshara Agarwal      | F    |      70.00 |       11 | A    | Science  | 1996-11-10 |
|  1002 | Anjani Sharma        | F    |      75.00 |       11 | A    | Commerce | 1996-09-18 |
|  1003 | Anshul Saxena        | M    |      78.00 |       11 | A    | Commerce | 1996-11-19 |
|  1004 | Aishwarya Singh      | F    |      79.00 |       11 | A    | Commerce | 1996-11-01 |
|  1005 | Akriti Saxena        | F    |      76.00 |       11 | A    | Commerce | 1996-09-20 |
|  1006 | Kushi Agarwal        | F    |      77.00 |       11 | A    | Commerce | 2003-09-14 |
|  1007 | Maahi Agarwal        | F    |      74.00 |       11 | A    | Science  | 1997-04-21 |
|  1008 | Mitali Gupta         | F    |      78.00 |       12 | A    | Science  | 1997-11-26 |
|  1009 | Nikunj Agarwal       | M    |      58.00 |       12 | A    | Science  | 1997-07-12 |
|  1010 | Parkhi               | F    |      59.00 |       12 | A    | Commerce | 1997-12-20 |
|  1011 | Prakhar Tiwari       | M    |      43.00 |       12 | A    | Science  | 1997-04-22 |
|  1012 | Raghul Gangwar       | M    |      58.00 |       12 | A    | Commerce | 1997-12-21 |
|  1013 | Sahil Saraswat       | M    |      57.00 |       12 | A    | Commerce | 1997-08-13 |
|  1014 | Swati Mishra         | F    |      98.00 |       11 | A    | Science  | 1996-08-13 |
|  1015 | Harsh Agarwal        | M    |      58.00 |       11 | B    | Science  | 2003-08-28 |
|  1016 | Harshit Kumar        | M    |      98.00 |       11 | B    | Science  | 2003-05-22 |
|  1017 | Jahanvi Kapoor       | M    |      65.00 |       11 | B    | Science  | 1997-01-10 |
|  1018 | Stuti Mishra         | M    |      66.00 |       11 | C    | Commerce | 1996-01-10 |
|  1019 | Suryash Kumar Agarwal| M    |      85.00 |       11 | C    | Commerce | 2007-08-22 |
|  1020 | Tani Rastogi         | F    |      75.00 |       12 | C    | Commerce | 1998-01-15 |
|  1021 | Tanishk Gupta        | M    |      55.00 |       12 | C    | Science  | 1998-04-11 |
|  1022 | Tanmay Agarwal       | M    |      57.00 |       11 | C    | Commerce | 1998-06-28 |
|  1023 | Yash Saxena          | M    |      79.00 |       11 | C    | Science  | 1998-03-13 |
|  1024 | Yesh Dubey           | M    |      85.00 |       12 | C    | Commerce | 1998-04-03 |
+-------+----------------------+------+------------+----------+------+----------+------------+
```

24 rows in set (0.00 sec)

2) Query:

mysql> select stdName, dob from tbl_student;

Output:

```
+----------------------+------------+
| stdName              | dob        |
+----------------------+------------+
| Akshara Agarwal      | 1996-11-10 |
| Anjani Sharma        | 1996-09-18 |
| Anshul Saxena        | 1996-11-19 |
| Aishwarya Singh      | 1996-11-01 |
| Akriti Saxena        | 1996-09-20 |
| Kushi Agarwal        | 2003-09-14 |
| Maahi Agarwal        | 1997-04-21 |
```

```
| Mitali Gupta          | 1997-11-26 |
| Nikunj Agarwal        | 1997-07-12 |
| Parkhi                | 1997-12-20 |
| Prakhar Tiwari        | 1997-04-22 |
| Raghul Gangwar        | 1997-12-21 |
| Sahil Saraswat        | 1997-08-13 |
| Swati Mishra          | 1996-08-13 |
| Harsh Agarwal         | 2003-08-28 |
| Harshit Kumar         | 2003-05-22 |
| Jahanvi Kapoor        | 1997-01-10 |
| Stuti Mishra          | 1996-01-10 |
| Suryash Kumar Agarwal | 2007-08-22 |
| Tani Rastogi          | 1998-01-15 |
| Tanishk Gupta         | 1998-04-11 |
| Tanmay Agarwal        | 1998-06-28 |
| Yash Saxena           | 1998-03-13 |
| Yesh Dubey            | 1998-04-03 |
+-----------------------+------------+
24 rows in set (0.00 sec)
```

3) Query:

mysql> select * from tbl_student where percentage >= 80;

Output:

```
+-------+-----------------------+------+------------+----------+------+----------+------------+
| stdId | stdName               | sex  | percentage | stdClass | sec  | stream   | DOB        |
+-------+-----------------------+------+------------+----------+------+----------+------------+
|  1014 | Swati Mishra          | F    |      98.00 |       11 | A    | Science  | 1996-08-13 |
|  1016 | Harshit Kumar         | M    |      98.00 |       11 | B    | Science  | 2003-05-22 |
|  1019 | Suryash Kumar Agarwal | M    |      85.00 |       11 | C    | Commerce | 2007-08-22 |
|  1024 | Yesh Dubey            | M    |      85.00 |       12 | C    | Commerce | 1998-04-03 |
+-------+-----------------------+------+------------+----------+------+----------+------------+
4 rows in set (0.01 sec)
```

4) Query:

mysql> select stdName, stream, percentage from tbl_student where percentage >= 80;

Output:

```
+-----------------------+----------+------------+
| stdName               | stream   | percentage |
+-----------------------+----------+------------+
| Swati Mishra          | Science  |      98.00 |
| Harshit Kumar         | Science  |      98.00 |
| Suryash Kumar Agarwal | Commerce |      85.00 |
| Yesh Dubey            | Commerce |      85.00 |
```

```
+----------------------+----------+-----------+
```
4 rows in set (0.00 sec)

5) Query:

mysql> select * from tbl_student where stream = "Science" and percentage > 75;

Output:

```
+-------+--------------+------+------------+----------+------+---------+------------+
| stdId | stdName      | sex  | percentage | stdClass | sec  | stream  | DOB        |
+-------+--------------+------+------------+----------+------+---------+------------+
|  1008 | Mitali Gupta | F    |      78.00 |       12 | A    | Science | 1997-11-26 |
|  1014 | Swati Mishra | F    |      98.00 |       11 | A    | Science | 1996-08-13 |
|  1016 | Harshit Kumar| M    |      98.00 |       11 | B    | Science | 2003-05-22 |
|  1023 | Yash Saxena  | M    |      79.00 |       11 | C    | Science | 1998-03-13 |
+-------+--------------+------+------------+----------+------+---------+------------+
```
4 rows in set (0.00 sec)

Lab Activity - 3

1) Query:

mysql> describe tbl_student;

Output:

```
+------------+-------------+------+-----+---------+-------+
| Field      | Type        | Null | Key | Default | Extra |
+------------+-------------+------+-----+---------+-------+
| stdId      | int         | NO   | PRI | NULL    |       |
| stdName    | varchar(30) | NO   |     | NULL    |       |
| sex        | varchar(30) | YES  |     | NULL    |       |
| percentage | decimal(5,2)| YES  |     | NULL    |       |
| stdClass   | int         | YES  |     | NULL    |       |
| sec        | varchar(1)  | YES  |     | NULL    |       |
| stream     | varchar(10) | YES  |     | NULL    |       |
| DOB        | date        | YES  |     | NULL    |       |
+------------+-------------+------+-----+---------+-------+
```
8 rows in set (0.00 sec)

2) Query:
mysql> alter table tbl_student add teacherId varchar(20);

Output:
Query OK, 0 rows affected (0.01 sec)
Records: 0 Duplicates: 0 Warnings: 0

3) Query:
mysql> desc tbl_Student;

Output:

```
+------------+-------------+------+-----+---------+-------+
| Field      | Type        | Null | Key | Default | Extra |
+------------+-------------+------+-----+---------+-------+
| stdId      | int         | NO   | PRI | NULL    |       |
| stdName    | varchar(30) | NO   |     | NULL    |       |
| sex        | varchar(30) | YES  |     | NULL    |       |
| percentage | decimal(5,2)| YES  |     | NULL    |       |
| stdClass   | int         | YES  |     | NULL    |       |
```

```
| sec        | varchar(1)  | YES  |     | NULL     |       |
| stream     | varchar(10) | YES  |     | NULL     |       |
| DOB        | date        | YES  |     | NULL     |       |
| teacherId  | varchar(20) | YES  |     | NULL     |       |
+-----------+-------------+------+-----+----------+-------+
```
9 rows in set (0.00 sec)

4) Query:

mysql> select * from tbl_student;

Output:

```
+-------+----------------------+-----+------------+----------+-----+----------+------------+-----------+
| stdId | stdName              | sex | percentage | stdClass | sec | stream   | DOB        | teacherId |
+-------+----------------------+-----+------------+----------+-----+----------+------------+-----------+
|  1001 | Akshara Agarwal      | F   |      70.00 |       11 | A   | Science  | 1996-11-10 | NULL      |
|  1002 | Anjani Sharma        | F   |      75.00 |       11 | A   | Commerce | 1996-09-18 | NULL      |
|  1003 | Anshul Saxena        | M   |      78.00 |       11 | A   | Commerce | 1996-11-19 | NULL      |
|  1004 | Aishwarya Singh      | F   |      79.00 |       11 | A   | Commerce | 1996-11-01 | NULL      |
|  1005 | Akriti Saxena        | F   |      76.00 |       11 | A   | Commerce | 1996-09-20 | NULL      |
|  1006 | Kushi Agarwal        | F   |      77.00 |       11 | A   | Commerce | 2003-09-14 | NULL      |
|  1007 | Maahi Agarwal        | F   |      74.00 |       11 | A   | Science  | 1997-04-21 | NULL      |
|  1008 | Mitali Gupta         | F   |      78.00 |       12 | A   | Science  | 1997-11-26 | NULL      |
|  1009 | Nikunj Agarwal       | M   |      58.00 |       12 | A   | Science  | 1997-07-12 | NULL      |
|  1010 | Parkhi               | F   |      59.00 |       12 | A   | Commerce | 1997-12-20 | NULL      |
|  1011 | Prakhar Tiwari       | M   |      43.00 |       12 | A   | Science  | 1997-04-22 | NULL      |
|  1012 | Raghul Gangwar       | M   |      58.00 |       12 | A   | Commerce | 1997-12-21 | NULL      |
|  1013 | Sahil Saraswat       | M   |      57.00 |       12 | A   | Commerce | 1997-08-13 | NULL      |
|  1014 | Swati Mishra         | F   |      98.00 |       11 | A   | Science  | 1996-08-13 | NULL      |
|  1015 | Harsh Agarwal        | M   |      58.00 |       11 | B   | Science  | 2003-08-28 | NULL      |
|  1016 | Harshit Kumar        | M   |      98.00 |       11 | B   | Science  | 2003-05-22 | NULL      |
|  1017 | Jahanvi Kapoor       | M   |      65.00 |       11 | B   | Science  | 1997-01-10 | NULL      |
|  1018 | Stuti Mishra         | M   |      66.00 |       11 | C   | Commerce | 1996-01-10 | NULL      |
|  1019 | Suryash Kumar Agarwal| M   |      85.00 |       11 | C   | Commerce | 2007-08-22 | NULL      |
|  1020 | Tani Rastogi         | F   |      75.00 |       12 | C   | Commerce | 1998-01-15 | NULL      |
|  1021 | Tanishk Gupta        | M   |      55.00 |       12 | C   | Science  | 1998-04-11 | NULL      |
|  1022 | Tanmay Agarwal       | M   |      57.00 |       11 | C   | Commerce | 1998-06-28 | NULL      |
|  1023 | Yash Saxena          | M   |      79.00 |       11 | C   | Science  | 1998-03-13 | NULL      |
|  1024 | Yesh Dubey           | M   |      85.00 |       12 | C   | Commerce | 1998-04-03 | NULL      |
+-------+----------------------+-----+------------+----------+-----+----------+------------+-----------+
```
24 rows in set (0.00 sec)

5) Query:

mysql> alter table tbl_student modify teacherId int;

Output:

Query OK, 24 rows affected (0.04 sec)
Records: 24 Duplicates: 0 Warnings: 0

```
mysql> desc tbl_Student;
+------------+--------------+------+-----+---------+-------+
| Field      | Type         | Null | Key | Default | Extra |
+------------+--------------+------+-----+---------+-------+
| stdId      | int          | NO   | PRI | NULL    |       |
| stdName    | varchar(30)  | NO   |     | NULL    |       |
| sex        | varchar(30)  | YES  |     | NULL    |       |
| percentage | decimal(5,2) | YES  |     | NULL    |       |
| stdClass   | int          | YES  |     | NULL    |       |
| sec        | varchar(1)   | YES  |     | NULL    |       |
| stream     | varchar(10)  | YES  |     | NULL    |       |
| DOB        | date         | YES  |     | NULL    |       |
| teacherId  | int          | YES  |     | NULL    |       |
+------------+--------------+------+-----+---------+-------+
9 rows in set (0.00 sec)
```

```
mysql> select * from tbl_student;
+-------+----------------------+-----+------------+----------+-----+----------+------------+-----------+
| stdId | stdName              | sex | percentage | stdClass | sec | stream   | DOB        | teacherId |
+-------+----------------------+-----+------------+----------+-----+----------+------------+-----------+
|  1001 | Akshara Agarwal      | F   |      70.00 |       11 | A   | Science  | 1996-11-10 |      NULL |
|  1002 | Anjani Sharma        | F   |      75.00 |       11 | A   | Commerce | 1996-09-18 |      NULL |
|  1003 | Anshul Saxena        | M   |      78.00 |       11 | A   | Commerce | 1996-11-19 |      NULL |
|  1004 | Aishwarya Singh      | F   |      79.00 |       11 | A   | Commerce | 1996-11-01 |      NULL |
|  1005 | Akriti Saxena        | F   |      76.00 |       11 | A   | Commerce | 1996-09-20 |      NULL |
|  1006 | Kushi Agarwal        | F   |      77.00 |       11 | A   | Commerce | 2003-09-14 |      NULL |
|  1007 | Maahi Agarwal        | F   |      74.00 |       11 | A   | Science  | 1997-04-21 |      NULL |
|  1008 | Mitali Gupta         | F   |      78.00 |       12 | A   | Science  | 1997-11-26 |      NULL |
|  1009 | Nikunj Agarwal       | M   |      58.00 |       12 | A   | Science  | 1997-07-12 |      NULL |
|  1010 | Parkhi               | F   |      59.00 |       12 | A   | Commerce | 1997-12-20 |      NULL |
|  1011 | Prakhar Tiwari       | M   |      43.00 |       12 | A   | Science  | 1997-04-22 |      NULL |
|  1012 | Raghul Gangwar       | M   |      58.00 |       12 | A   | Commerce | 1997-12-21 |      NULL |
|  1013 | Sahil Saraswat       | M   |      57.00 |       12 | A   | Commerce | 1997-08-13 |      NULL |
|  1014 | Swati Mishra         | F   |      98.00 |       11 | A   | Science  | 1996-08-13 |      NULL |
|  1015 | Harsh Agarwal        | M   |      58.00 |       11 | B   | Science  | 2003-08-28 |      NULL |
|  1016 | Harshit Kumar        | M   |      98.00 |       11 | B   | Science  | 2003-05-22 |      NULL |
|  1017 | Jahanvi Kapoor       | M   |      65.00 |       11 | B   | Science  | 1997-01-10 |      NULL |
|  1018 | Stuti Mishra         | M   |      66.00 |       11 | C   | Commerce | 1996-01-10 |      NULL |
|  1019 | Suryash Kumar Agarwal| M   |      85.00 |       11 | C   | Commerce | 2007-08-22 |      NULL |
|  1020 | Tani Rastogi         | F   |      75.00 |       12 | C   | Commerce | 1998-01-15 |      NULL |
|  1021 | Tanishk Gupta        | M   |      55.00 |       12 | C   | Science  | 1998-04-11 |      NULL |
|  1022 | Tanmay Agarwal       | M   |      57.00 |       11 | C   | Commerce | 1998-06-28 |      NULL |
|  1023 | Yash Saxena          | M   |      79.00 |       11 | C   | Science  | 1998-03-13 |      NULL |
|  1024 | Yesh Dubey           | M   |      85.00 |       12 | C   | Commerce | 1998-04-03 |      NULL |
+-------+----------------------+-----+------------+----------+-----+----------+------------+-----------+
24 rows in set (0.00 sec)
```

Lab Activity - 4

1) Query:

mysql> alter table tbl_student drop teacherId;

Output:

Query OK, 0 rows affected (0.02 sec)
Records: 0 Duplicates: 0 Warnings: 0

2) Query:

mysql> select stdName as "Student Name", percentage - 5 as
"Percentage(Percentage-5)" from tbl_student;

Output:

```
+----------------------+--------------------------+
| Student Name         | Percentage(Percentage-5) |
+----------------------+--------------------------+
| Akshara Agarwal      |                    65.00 |
| Anjani Sharma        |                    70.00 |
| Anshul Saxena        |                    73.00 |
| Aishwarya Singh      |                    74.00 |
| Akriti Saxena        |                    71.00 |
| Kushi Agarwal        |                    72.00 |
| Maahi Agarwal        |                    69.00 |
| Mitali Gupta         |                    73.00 |
| Nikunj Agarwal       |                    53.00 |
| Parkhi               |                    54.00 |
| Prakhar Tiwari       |                    38.00 |
| Raghul Gangwar       |                    53.00 |
| Sahil Saraswat       |                    52.00 |
| Swati Mishra         |                    93.00 |
| Harsh Agarwal        |                    53.00 |
| Harshit Kumar        |                    93.00 |
| Jahanvi Kapoor       |                    60.00 |
| Stuti Mishra         |                    61.00 |
| Suryash Kumar Agarwal |                   80.00 |
| Tani Rastogi         |                    70.00 |
| Tanishk Gupta        |                    50.00 |
| Tanmay Agarwal       |                    52.00 |
| Yash Saxena          |                    74.00 |
| Yesh Dubey           |                    80.00 |
+----------------------+--------------------------+
```

24 rows in set (0.00 sec)

3) Query:

mysql> select stdName as "Student Name", dob as "Date of birth" from tbl_student;

Output:

```
+-----------------------+---------------+
| Student Name          | Date of birth |
+-----------------------+---------------+
| Akshara Agarwal       | 1996-11-10    |
| Anjani Sharma         | 1996-09-18    |
| Anshul Saxena         | 1996-11-19    |
| Aishwarya Singh       | 1996-11-01    |
| Akriti Saxena         | 1996-09-20    |
| Kushi Agarwal         | 2003-09-14    |
| Maahi Agarwal         | 1997-04-21    |
| Mitali Gupta          | 1997-11-26    |
| Nikunj Agarwal        | 1997-07-12    |
| Parkhi                | 1997-12-20    |
| Prakhar Tiwari        | 1997-04-22    |
| Raghul Gangwar        | 1997-12-21    |
| Sahil Saraswat        | 1997-08-13    |
| Swati Mishra          | 1996-08-13    |
| Harsh Agarwal         | 2003-08-28    |
| Harshit Kumar         | 2003-05-22    |
| Jahanvi Kapoor        | 1997-01-10    |
| Stuti Mishra          | 1996-01-10    |
| Suryash Kumar Agarwal | 2007-08-22    |
| Tani Rastogi          | 1998-01-15    |
| Tanishk Gupta         | 1998-04-11    |
| Tanmay Agarwal        | 1998-06-28    |
| Yash Saxena           | 1998-03-13    |
| Yesh Dubey            | 1998-04-03    |
+-----------------------+---------------+
```
24 rows in set (0.00 sec)

4) Query:

mysql> select stdName from tbl_student where stream <> "Science";

Output:

```
+-----------------------+
| stdName               |
+-----------------------+
| Anjani Sharma         |
| Anshul Saxena         |
```

```
| Aishwarya Singh       |
| Akriti Saxena         |
| Kushi Agarwal         |
| Parkhi                |
| Raghul Gangwar        |
| Sahil Saraswat        |
| Stuti Mishra          |
| Suryash Kumar Agarwal |
| Tani Rastogi          |
| Tanmay Agarwal        |
| Yesh Dubey            |
+-----------------------+
```
13 rows in set (0.00 sec)

5) Query:

mysql> select stdName, percentage from tbl_student where percentage >= 60 and percentage <= 80;

Output:

```
+-----------------+------------+
| stdName         | percentage |
+-----------------+------------+
| Akshara Agarwal |      70.00 |
| Anjani Sharma   |      75.00 |
| Anshul Saxena   |      78.00 |
| Aishwarya Singh |      79.00 |
| Akriti Saxena   |      76.00 |
| Kushi Agarwal   |      77.00 |
| Maahi Agarwal   |      74.00 |
| Mitali Gupta    |      78.00 |
| Jahanvi Kapoor  |      65.00 |
| Stuti Mishra    |      66.00 |
| Tani Rastogi    |      75.00 |
| Yash Saxena     |      79.00 |
+-----------------+------------+
```
12 rows in set (0.00 sec)

Lab Activity - 5

1) Query:

mysql> update tbl_student set stdName = "Swati Verma", percentage = 86 where stdId = 1014;

Output:

Query OK, 1 row affected (0.01 sec)
Rows matched: 1 Changed: 1 Warnings: 0

2) Query:

mysql> select * from tbl_student where stdName like 'G_';

Output:

Empty set (0.01 sec)

mysql> select * from tbl_student where stdName like 'G';
Empty set (0.00 sec)

mysql> select * from tbl_student where stdName like 'G%';
Empty set (0.00 sec)

mysql> select * from tbl_student where stdName like '%G%';

```
+-------+----------------------+------+------------+----------+------+----------+------------+
| stdId | stdName              | sex  | percentage | stdClass | sec  | stream   | DOB        |
+-------+----------------------+------+------------+----------+------+----------+------------+
|  1001 | Akshara Agarwal      | F    |      70.00 |       11 | A    | Science  | 1996-11-10 |
|  1004 | Aishwarya Singh      | F    |      79.00 |       11 | A    | Commerce | 1996-11-01 |
|  1006 | Kushi Agarwal        | F    |      77.00 |       11 | A    | Commerce | 2003-09-14 |
|  1007 | Maahi Agarwal        | F    |      74.00 |       11 | A    | Science  | 1997-04-21 |
|  1008 | Mitali Gupta         | F    |      78.00 |       12 | A    | Science  | 1997-11-26 |
|  1009 | Nikunj Agarwal       | M    |      58.00 |       12 | A    | Science  | 1997-07-12 |
|  1012 | Raghul Gangwar       | M    |      58.00 |       12 | A    | Commerce | 1997-12-21 |
|  1015 | Harsh Agarwal        | M    |      58.00 |       11 | B    | Science  | 2003-08-28 |
|  1019 | Suryash Kumar Agarwal | M   |      85.00 |       11 | C    | Commerce | 2007-08-22 |
|  1020 | Tani Rastogi         | F    |      75.00 |       12 | C    | Commerce | 1998-01-15 |
|  1021 | Tanishk Gupta        | M    |      55.00 |       12 | C    | Science  | 1998-04-11 |
|  1022 | Tanmay Agarwal       | M    |      57.00 |       11 | C    | Commerce | 1998-06-28 |
+-------+----------------------+------+------------+----------+------+----------+------------+
```
12 rows in set (0.00 sec)

3) Query:

mysql> select distinct stream from tbl_student;

Output:

```
+----------+
| stream   |
+----------+
| Science  |
| Commerce |
+----------+
```

4) Query:

mysql> select stdName, sex, stream from tbl_student where percentage between 70 and 80;

Output:

```
+-----------------+------+----------+
| stdName         | sex  | stream   |
+-----------------+------+----------+
| Akshara Agarwal | F    | Science  |
| Anjani Sharma   | F    | Commerce |
| Anshul Saxena   | M    | Commerce |
| Aishwarya Singh | F    | Commerce |
| Akriti Saxena   | F    | Commerce |
| Kushi Agarwal   | F    | Commerce |
| Maahi Agarwal   | F    | Science  |
| Mitali Gupta    | F    | Science  |
| Tani Rastogi    | F    | Commerce |
| Yash Saxena     | M    | Science  |
+-----------------+------+----------+
```
10 rows in set (0.00 sec)