Query Content

```
/* Gurwinder Singh*/
/* code to retrive the data*/

/* QUERY 1   Retrieve the TID, first name and last name of the teacher(s) who
teaches the subject
"Maths". */

SELECT Teacher.TID, FirstName, LastName
FROM Teacher, Subject
WhERE Subject.Subject ='Maths';

/* QUERY 2   Retrieve the SID, first name, last name and address of all
female student(s). */

SELECT SID, FN, LN, Address
FROM Student
WHERE Gender = 'F';

/* QUERY 3   Retrieve the MID, Date, Time and Location of the meetings that
are longer than 1 hour. */

SELECT MID,Date, Time, Location
FROM Parent_Meeting
WHERE Hours > '1';

/*QUERY 4  For teachers who attend more than 2 parent meetings, retrieve the
TID, first name, and
last name.*/

SELECT TID, FirstName, LastName
FROM Teacher
WHERE (SELECT COUNT(*)
        FROM Parent_Meeting
        HAVING COUNT(TeacherID) >2);

/* QUERY 5  For teachers who teach more than 3 students, retrieve the TID,
office, first name, and
last name. */

SELECT TID,Office, FirstName, LastName
FROM Teacher
WHERE (SELECT COUNT(*) FROM Teach HAVING COUNT(times) >3);

/* QUERY 6  Retrieve the SID, first name, last name and address of students
whose parent name is
"John". */

SELECT Student.SID, FN, LN, Address
FROM Student, Parents
WHERE Parents.Name ='John' AND Student.SID = Parents.SID ;

/* QUERY 7  Retrieve the SID, first name, and last name of students who have
been taught by
Teacher Mary Green 4 times. "Mary" is the teacher's first name and "Green" is
the last
name. */

SELECT Student.SID, FN, LN
FROM Student,Teach,Teacher
WHERE Student.SID = Teach.SID AND Teacher.TID = Teach.TID AND Teach.times=
'4';
```

```
/* QUERY 8  For the parent meetings that the father of student "Alice Smith"
has attended, retrieve
the MID, date, and time.*/

SELECT MID,Date, Time
FROM Parent_Meeting, Student
WHERE Student.LN = 'Smith'AND Student.FN = 'Alice' AND Parent_Meeting.SID =
Student.SID;
```

Query ScreenShots

```
mysql>
mysql> source query.sql;
+--------+-----------+----------+
| TID    | FirstName | LastName |
+--------+-----------+----------+
| 342343 | Jagdeep   | Singh    |
| 527382 | Mary      | Green    |
+--------+-----------+----------+
2 rows in set (0.00 sec)

+--------+---------+-------+------------------------+
| SID    | FN      | LN    | Address                |
+--------+---------+-------+------------------------+
| 82769  | Harjot  | Kaur  | 450 Stone, Houston, TX |
| 82771  | Alice   | Smith | 838 creek,Pleasanton,CA |
+--------+---------+-------+------------------------+
2 rows in set (0.00 sec)

+-------+------------+----------+--------------+
| MID   | Date       | Time     | Location     |
+-------+------------+----------+--------------+
| 4563  | 2018-06-19 | 8:00 AM  | RiversideHall |
| 4564  | 2018-07-15 | 9:00 AM  | RiversideHall |
| 4566  | 2018-01-18 | 11:00 AM | RiversideHall |
+-------+------------+----------+--------------+
3 rows in set (0.00 sec)

+--------+-----------+----------+
| TID    | FirstName | LastName |
+--------+-----------+----------+
| 342343 | Jagdeep   | Singh    |
| 527382 | Mary      | Green    |
+--------+-----------+----------+
```

```
2 rows in set (0.00 sec)

+--------+-------------+-----------+----------+
| TID    | Office      | FirstName | LastName |
+--------+-------------+-----------+----------+
| 342343 | Bateson 102 | Jagdeep   | Singh    |
| 527382 | Mariposa 2  | Mary      | Green    |
+--------+-------------+-----------+----------+
2 rows in set (0.00 sec)

+-------+-------+-------+--------------------------+
| SID   | FN    | LN    | Address                  |
+-------+-------+-------+--------------------------+
| 82771 | Alice | Smith | 838 creek,Pleasanton,CA  |
+-------+-------+-------+--------------------------+
1 row in set (0.00 sec)

+-------+-------+-------+
| SID   | FN    | LN    |
+-------+-------+-------+
| 82771 | Alice | Smith |
+-------+-------+-------+
1 row in set (0.00 sec)

+------+------------+----------+
| MID  | Date       | Time     |
+------+------------+----------+
| 4565 | 2018-02-12 | 10:00 AM |
+------+------------+----------+
1 row in set (0.00 sec)
```

drop Content

```
/*Gurwinder Singh*/
/*This script drops the table */

drop table Teach;
drop table Parent_Meeting;
drop table Subject;
drop table Parents;
drop table Student;
drop table Teacher;
show tables;
```

drop ScreenShot

```
mysql> source drop.sql;
Query OK, 0 rows affected (0.02 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.01 sec)

Query OK, 0 rows affected (0.01 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.01 sec)

Empty set (0.00 sec)
```