

### Questions:

```
mysql> select regno,name,dob from student;
```

regno	name	dob
123	surya	2003-02-03
124	venkat	2004-03-27
192	uday	2004-05-08

```
3 rows in set (0.00 sec)
```

```
mysql>
```

```
mysql> select *from student where gender='f';
```

regno	name	gender	dob	mobilenno	city	score
124	venkat	f	2004-03-27	837493110	ongole	75

```
1 row in set (0.00 sec)
```

```
mysql> alter table student add courseno varchar(3);
Query OK, 3 rows affected (0.03 sec)
Records: 3 Duplicates: 0 Warnings: 0

mysql> update student set courseno='cs1' where regno=124;
Query OK, 1 row affected (0.02 sec)
Rows matched: 1 Changed: 1 Warnings: 0

mysql> update student set courseno='cs2' where regno=123;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1 Changed: 1 Warnings: 0

mysql> update student set courseno='cs2' where regno=123;
Query OK, 0 rows affected (0.00 sec)
Rows matched: 1 Changed: 0 Warnings: 0

mysql> update student set courseno='cs1' where regno=192;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1 Changed: 1 Warnings: 0

mysql> select *from student whwere gender='m' where courseno='cs1';
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'gender='m' wh
were courseno='cs1'' at line 1
mysql> select *from student where gender='m' where courseno='cs1';
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'where courseno='cs1'' at line 1
mysql> select *from student where gender='m' and courseno='cs1';
+-----+-----+-----+-----+-----+-----+
| regno | name | gender | dob       | mobileno | city      | score | courseno |
+-----+-----+-----+-----+-----+-----+
| 192   | uday | m      | 2004-05-08 | 938174374 | nellore  | 65    | cs1      |
+-----+-----+-----+-----+-----+-----+
1 row in set (0.01 sec)

mysql>
```

4.Display all faculty details joined before “November 2021”

```
mysql> select facno from faculty where(extract(year_month from doj)<extract(year_month from'2021-11-01'));
+-----+
| facno |
+-----+
| 2     |
+-----+
1 row in set (0.00 sec)
```

5.Display all the courses not allotted to halls

```
mysql> select courseno from course where hallno='null';
+-----+
| courseno |
+-----+
| cs1      |
+-----+
```

6.List the students whose name ends with the substring “a”

```
mysql> select regno from student where name like '%a';
+-----+
| regno |
+-----+
| 123   |
+-----+
1 row in set (0.00 sec)
```

7.Display all students whose name contains the substring “a”

```
mysql> select regno from student where name like '%a%';
+-----+
| regno |
+-----+
| 123   |
| 124   |
| 192   |
+-----+
3 rows in set (0.00 sec)
```

8.Find all the students who are located in cities having “o” as substring

```
mysql> select regno from student where city like '%o%';
+-----+
| regno |
+-----+
| 124   |
| 192   |
+-----+
2 rows in set (0.00 sec)
```

9.Display the students whose names do not contain six letters.

```
mysql> select *from student where name not like '_____';
+-----+-----+-----+-----+-----+-----+-----+-----+
| regno | name  | gender | dob       | mobileno | city    | score | courseno |
+-----+-----+-----+-----+-----+-----+-----+-----+
| 123   | surya | m      | 2003-02-03 | 701012333 | ambattur | 95    | cs2      |
| 192   | uday  | m      | 2004-05-08 | 938174374 | nellore  | 65    | cs1      |
+-----+-----+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

10. Find all the students whose names contain "th"

```
mysql> select * from student where name like '%u%';
```

regno	name	gender	dob	mobilen	city	score	courseno
123	surya	m	2003-02-03	701012333	ambattur	95	cs2
192	uday	m	2004-05-08	938174374	nellore	65	cs1

```
2 rows in set (0.00 sec)
```