

- Create a database named college
- Create a table name student in college database with following structure
- roll,name,class,marks,age with respective datatypes.

```
mysql> create database college;
Query OK, 1 row affected (0.11 sec)

mysql> show databases;
+-----+
| Database |
+-----+
| basedata |
| blldb    |
| cdacdb   |
| college  |
| db1      |
| employee |
| fightclub |
| information_schema |
| labexam  |
| mysql    |
| org      |
| performance_schema |
| sample   |
| stationery |
| sys      |
| test_database |
+-----+
16 rows in set (0.00 sec)

mysql> use college;
Database changed
mysql> create table student;
ERROR 4028 (HY000): A table must have at least one visible column.
mysql> create table student
-> (roll int,name varchar(10),class int,marks float,age int);
Query OK, 0 rows affected (0.49 sec)

mysql> desc student;
+-----+-----+-----+-----+-----+-----+
| Field | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| roll  | int           | YES  |     | NULL    |       |
| name  | varchar(10)   | YES  |     | NULL    |       |
| class | int           | YES  |     | NULL    |       |
| marks | float         | YES  |     | NULL    |       |
| age   | int           | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql>
```

### Assignment No. 3

Create a database named  
Create a table name **stud**  
roll,name,class,marks,ag

Insert at least 5 rows in t  
Delete the entry of roll n  
Update the marks of roll  
Give additional grace ma  
Truncate the table  
Insert the data again usin

- Insert at least 5 rows in the table.

```
mysql> insert into student (roll,name,class,marks,age) values(101,'Ram',6,45.63,15), (102,'Laxman',6,89.32,15), (103,'Deepika',75.56,8), (104,'Katrina',84.20,9), (105,'Yogesh',6,78.36,15);
ERROR 1136 (21S01): Column count doesn't match value count at row 3
mysql> insert into student (roll,name,class,marks,age) values(101,'Ram',6,45.63,15), (102,'Laxman',6,89.32,15), (103,'Deepika',4,75.56,8), (104,'Katrina',10,84.20,9), (105,'Yogesh',6,78.36,15);
Query OK, 5 rows affected (0.09 sec)
Records: 5 Duplicates: 0 Warnings: 0

mysql> select * student;
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 'student' at line 1
mysql> select *from student;
```

roll	name	class	marks	age
101	Ram	6	45.63	15
102	Laxman	6	89.32	15
103	Deepika	4	75.56	8
104	Katrina	10	84.2	9
105	Yogesh	6	78.36	15

5 rows in set (0.00 sec)

mysql> \_

- Delete the entry of roll number 4

```
mysql> delete from student where roll=104;
Query OK, 1 row affected (0.09 sec)
```

```
mysql> select *from student;
```

roll	name	class	marks	age
101	Ram	6	45.63	15
102	Laxman	6	89.32	15
103	Deepika	4	75.56	8
105	Yogesh	6	78.36	15

4 rows in set (0.00 sec)

```
mysql> _
```

- Update the marks of roll number 3

```
mysql> select *from student;
```

roll	name	class	marks	age
101	Ram	6	45.63	15
102	Laxman	6	89.32	15
103	Deepika	4	75.56	8
105	Yogesh	6	78.36	15

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

```
mysql> update student set marks=marks+5 where roll=3;
Query OK, 1 row affected (0.07 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```

```
mysql> select *from student;
```

roll	name	class	marks	age
101	Ram	6	45.63	15
102	Laxman	6	89.32	15
103	Deepika	4	80.56	8
105	Yogesh	6	78.36	15

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

- Give additional grace marks of 0.5 to all students.

```
mysql> select *from student;
```

roll	name	class	marks	age
101	Ram	6	45.63	15
102	Laxman	6	89.32	15
103	Deepika	4	80.56	8
105	Yogesh	6	78.36	15

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

```
mysql> update student set marks=marks+0.5;
```

```
Query OK, 4 rows affected (0.07 sec)
```

```
Rows matched: 4 Changed: 4 Warnings: 0
```

```
mysql> select *from student;
```

roll	name	class	marks	age
101	Ram	6	46.13	15
102	Laxman	6	89.82	15
103	Deepika	4	81.06	8
105	Yogesh	6	78.86	15

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

```
mysql> _
```

- Truncate the table

```
mysql> select *from student;
```

roll	name	class	marks	age
101	Ram	6	46.13	15
102	Laxman	6	89.82	15
103	Deepika	4	81.06	8
105	Yogesh	6	78.86	15

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

```
mysql> truncate student;
```

```
Query OK, 0 rows affected (0.70 sec)
```

```
mysql> desc student;
```

Field	Type	Null	Key	Default	Extra
roll	int	YES		NULL	
name	varchar(10)	YES		NULL	
class	int	YES		NULL	
marks	float	YES		NULL	
age	int	YES		NULL	

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

```
mysql> _
```

- Insert the data again using multi-insert statement.

```
mysql> truncate student;
Query OK, 0 rows affected (0.70 sec)

mysql> desc student;
+-----+-----+-----+-----+-----+
| Field | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| roll  | int           | YES  |     | NULL    |       |
| name  | varchar(10)   | YES  |     | NULL    |       |
| class | int           | YES  |     | NULL    |       |
| marks | float         | YES  |     | NULL    |       |
| age   | int           | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

Assignment No. 3

Create a database named college  
Create a table named student in college database with following structure  
roll,name,class,marks,age with respective datatypes.

Insert at least 5 rows in the table.  
Delete the entry of roll number 4  
Update the marks of roll number 3  
Give additional grace marks of 0.5 to all students.  
Truncate the table  
Insert the data again using multi-insert statement.

```
mysql> insert into student (roll,name,class,marks,age) values(101,'Ram',6,45.63,15), (102,'Laxman',6,89.32,15), (103,'Deepika',4,75.56,8), (104,'Katrina',10,84.20,9), (105,'Yogesh',6,78.36,15);
Query OK, 5 rows affected (0.08 sec)
Records: 5 Duplicates: 0 Warnings: 0

mysql> select *from student;
+-----+-----+-----+-----+-----+
| roll | name    | class | marks | age |
+-----+-----+-----+-----+-----+
| 101  | Ram     | 6     | 45.63 | 15  |
| 102  | Laxman  | 6     | 89.32 | 15  |
| 103  | Deepika | 4     | 75.56 | 8   |
| 104  | Katrina | 10    | 84.2  | 9   |
| 105  | Yogesh  | 6     | 78.36 | 15  |
+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> _
```

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