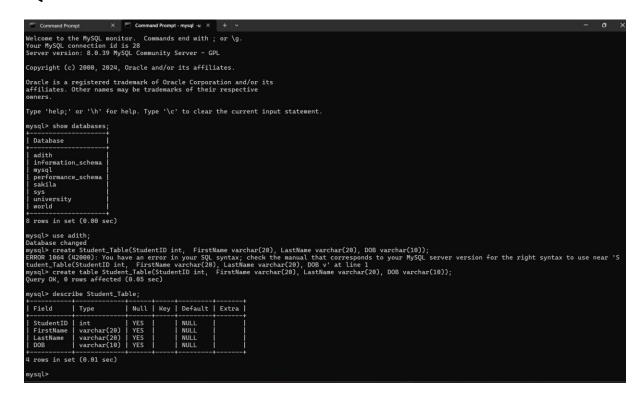## Question 1:

Since there are no given conditions, duplicate values can be given:

Question 2:

```
mysql> alter table Student_Table add Address varchar(40);
Query OK, 0 rows affected (0.04 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> describe Student_Table;
+-----------+-------------+------+-----+---------+-------+
| Field     | Type        | Null | Key | Default | Extra |
+-----------+-------------+------+-----+---------+-------+
| StudentID | int         | YES  |     | NULL    |       |
| FirstName | varchar(20) | YES  |     | NULL    |       |
| LastName  | varchar(20) | YES  |     | NULL    |       |
| DOB       | varchar(10) | YES  |     | NULL    |       |
| Address   | varchar(40) | YES  |     | NULL    |       |
+-----------+-------------+------+-----+---------+-------+
5 rows in set (0.00 sec)

mysql> alter table Student_Table add Address varchar(40);
ERROR 1060 (42S21): Duplicate column name 'Address'
mysql> alter table Student_Table add Phone_no int;
Query OK, 0 rows affected (0.10 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> describe Student_Table;
+-----------+-------------+------+-----+---------+-------+
| Field     | Type        | Null | Key | Default | Extra |
+-----------+-------------+------+-----+---------+-------+
| StudentID | int         | YES  |     | NULL    |       |
| FirstName | varchar(20) | YES  |     | NULL    |       |
| LastName  | varchar(20) | YES  |     | NULL    |       |
| DOB       | varchar(10) | YES  |     | NULL    |       |
| Address   | varchar(40) | YES  |     | NULL    |       |
| Phone_no  | int         | YES  |     | NULL    |       |
+-----------+-------------+------+-----+---------+-------+
6 rows in set (0.00 sec)

mysql>
```

Question 3:

```
mysql> insert into Student_Table(StudentID,  FirstName, LastName, DOB, Address, Phone_no) values(101, "Kandala", "Adithya", "17/05/2006", "Dilsukhnagar", 12
34567890);
Query OK, 1 row affected (0.01 sec)

mysql> describe Student_Table;
+-----------+-------------+------+-----+---------+-------+
| Field     | Type        | Null | Key | Default | Extra |
+-----------+-------------+------+-----+---------+-------+
| StudentID | int         | YES  |     | NULL    |       |
| FirstName | varchar(20) | YES  |     | NULL    |       |
| LastName  | varchar(20) | YES  |     | NULL    |       |
| DOB       | varchar(10) | YES  |     | NULL    |       |
| Address   | varchar(40) | YES  |     | NULL    |       |
| Phone_no  | int         | YES  |     | NULL    |       |
+-----------+-------------+------+-----+---------+-------+
6 rows in set (0.00 sec)

mysql> select*from Student_Table;
+-----------+-----------+----------+------------+--------------+------------+
| StudentID | FirstName | LastName | DOB        | Address      | Phone_no   |
+-----------+-----------+----------+------------+--------------+------------+
|       101 | Kandala   | Adithya  | 17/05/2006 | Dilsukhnagar | 1234567890 |
+-----------+-----------+----------+------------+--------------+------------+
1 row in set (0.00 sec)

mysql>
```

Question 4:

```
mysql> drop table Student_Table;
Query OK, 0 rows affected (0.03 sec)

mysql> describe Student_Table;
ERROR 1146 (42S02): Table 'adith.student_table' doesn't exist
```

Question 5:

```
mysql> create table Student_Table(StudentID int,  FirstName varchar(20), LastName varchar(20), DOB varchar(20), Address varchar(20), Phone_no int, primary k
ey(StudentID));
Query OK, 0 rows affected (0.07 sec)

mysql> describe Student_Table;
+-----------+-------------+------+-----+---------+-------+
| Field     | Type        | Null | Key | Default | Extra |
+-----------+-------------+------+-----+---------+-------+
| StudentID | int         | NO   | PRI | NULL    |       |
| FirstName | varchar(20) | YES  |     | NULL    |       |
| LastName  | varchar(20) | YES  |     | NULL    |       |
| DOB       | varchar(20) | YES  |     | NULL    |       |
| Address   | varchar(20) | YES  |     | NULL    |       |
| Phone_no  | int         | YES  |     | NULL    |       |
+-----------+-------------+------+-----+---------+-------+
6 rows in set (0.00 sec)
```

Now that we have given constraints, duplicate values will not be taken.

```
mysql> insert into Student_Table(StudentID,  FirstName, LastName, DOB, Address, Phone_no) values(101, "Kandala", "Adithya", "17/05/2006", "Dilsukhnagar", 12
34567890);
Query OK, 1 row affected (0.07 sec)

mysql> insert into Student_Table(StudentID,  FirstName, LastName, DOB, Address, Phone_no) values(101, "Kandala", "Adithya", "17/05/2006", "Dilsukhnagar", 12
34567890);
ERROR 1062 (23000): Duplicate entry '101' for key 'student_table.PRIMARY'
mysql> select*from Student_Table;
+-----------+-----------+----------+------------+--------------+------------+
| StudentID | FirstName | LastName | DOB        | Address      | Phone_no   |
+-----------+-----------+----------+------------+--------------+------------+
|       101 | Kandala   | Adithya  | 17/05/2006 | Dilsukhnagar | 1234567890 |
+-----------+-----------+----------+------------+--------------+------------+
1 row in set (0.00 sec)
```