

Database Connectivity

1.Run this command in cmd:- pip install mysql-connector-python

2.Creating Database And Table:-

```
show databases;
```

```
use student_db;
```

```
show tables;
```

```
+-----+
| Tables_in_student_db |
+-----+
| students      |
+-----+
1 row in set (0.00 sec)
```

3.Desc Cmd Use:-

```
desc students;
```

```
+-----+-----+-----+-----+-----+
| Field | Type     | Null | Key | Default | Extra      |
+-----+-----+-----+-----+-----+
| id   | int      | NO  | PRI | NULL    | auto_increment |
| name | varchar(100) | YES |     | NULL    |             |
| age  | int      | YES |     | NULL    |             |
| course | varchar(100) | YES |     | NULL    |             |
+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

4.Data Added Into Table Through Front-End:-

```
select * from students;
```

```
+---+-----+-----+-----+
| id | name  | age  | course |
+---+-----+-----+-----+
| 1  | Sakshi | 20  | AI    |
| 2  | Pragati| 20  | DS    |
| 3  | Siddhi | 20  | ML    |
| 4  | Mahima | 20  | JAVA  |
| 5  | Bhakti | 20  | PYTHON |
+---+-----+-----+-----+
5 rows in set (0.00 sec)
```

5. Data Updated Into Table Through Front-End:-

```
select * from students;
```

id	name	age	course
1	Sakshi	19	AI
2	Pragati	20	DS
3	Siddhi	20	ML
4	Mahima	20	JAVA
5	Bhakti	20	PYTHON

5 rows in set (0.00 sec)

6. Data Deleted From Table Through Front-End:-

```
select * from students;
```

id	name	age	course
1	Sakshi	19	AI
2	Pragati	20	DS
3	Siddhi	20	ML
4	Mahima	20	JAVA

4 rows in set (0.00 sec)