

PROGRAM-17

SQL-2

Write a python program to integrate sql with python by importing mysql.connector module.

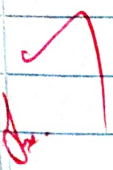
- Connect sql with python
- Create databases
- Show databases

AIM:

To integrate sql with python by importing mysql.connector module to create a database.


PROGRAM CODE:

```
import mysql.connector as S
b=S.connect(host="localhost", user="root",
            passwd="password")
C=b.cursor()
C.execute("Create database if not exists school;")
print("Database created")
C.execute("show databases;")
for i in C:
    print(i)
```



Output:

Database created
(employee,)
(information-schema,)
(mysql,)
(performance-schema,)
(school,)



PROGRAM - 18

SQL-3

Write a python program to integrate sql with python by importing mysql.connector module.

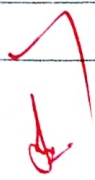
- a) Connect sql with python.
- b) Create table
- c) Display table structure.

AIM:

To integrate sql with python by importing mysql.connector module to create table and display its structure.

PROGRAM CODE:

```
import mysql.connector as S
b=S.connect(host="localhost", user="root",
            passwd="password", database="School")
c=b.cursor()
c.execute("create table if not exists \
    Stud (roll_no int(10), name varchar(25), \
    Std varchar(10));")
b.commit()
print("Table created successfully")
c.execute("desc Stud;")
for i in c:
    print(i)
```



Output: ²

Table created successfully

('roll-no', 'int(10)', 'YES', "", None,")

('name', 'varchar(25)', 'YES', "", None,")

('std', 'varchar(10)', 'YES', "", None,")



PROGRAM - 19

SQL-4

Write a python program to integrate sql with python by importing mysql.connector module.

- a) Connect sql with python
- b) Insert records
- c) Display all records.

AIM:

To integrate sql with python by importing the mysql.connector module to perform inserting and displaying records.

PROGRAM CODE:

```
import mysql.connector as S
b = S.connect(host="localhost", user="root",
              passwd="password", database="school")
c = b.cursor()
c.execute("insert into stud values(4, 'AKHIL', 'XII A');")
c.execute("insert into stud values(6, 'AMAR', 'XII B');")
b.commit()
print("Inserted Successfully")
c.execute("Select * from stud;")
for i in c:
    print(i)
```

OUTPUT:

Inserted successfully

(4, 'AKHIL', 'XII A')

(6, 'AMAR', 'XII B')



PROGRAM-20

SQL-5

Write a program to integrate sql with python by importing mysql.connector module.

- a) Connect sql with python
- b) Update the records in the table.
- c) Delete rows from the table.

AIM:

To integrate sql with python by importing mysql.connector module for updating and deleting records.

PROGRAM CODE:

```
import mysql.connector as S
b = S.connect(host="localhost", user="root",
              passwd="password", database="school")
c = b.cursor()
c.execute("update stud set roll-no=7 where
          name='AMAR';")
print("Successfully updating")
c.execute("delete from stud where name='AKHIL';")
print("Successfully deleted")
b.commit()
c.execute("select * from stud;")
for i in c:
    print(i)
```



Completed



OUTPUT:

Successfully updated

Successfully deleted

(7, 'AMAR', 'XII B')

