DATE:

PROGRAM NO: 18

AIM: creating mysql connecting with python and use insert statement.

ALGORITHM:

Step 1 - start the process.

Step 2 – import mysql.connector and error.

Step 3 – establish a link between mysql and python.

Step 4 – give the query **insert into speaker values(2,'class','2003-03-08');.**

Step 5 – commit the database.

Step 6 – stop the process.

CODE:

```
import mysql.connector
from mysql.connector import Error
try:

con=mysql.connector.connect(host='localhost',database='tom',user='root',pass
word='12345')
   s="insert into speaker values(2,'class','2003-03-08');"
   cur=con.cursor()
   result=cur.execute(s)
   con.commit()
   print("done")
except mysql.connector.Error as Error:
   print("failed inserting")
finally:
   if (con.is_connected()):
      cur.close()
      con.close()
      print("mysql connector is closed")
```

OUTPUT:

done

mysql connector is closed

```
+------+-------+------------+
| sno  | name  | dob        |
+------+-------+------------+
|    2 | rhea  | 2003-03-08 |
|    2 | class | 2003-03-08 |
|    2 | class | 2003-03-08 |
+------+-------+------------+
```

3 rows in set (0.00 sec)

RESULT:

The above program has been executed successfully and the output is verified.

DATE:

PROGRAM NO: 19

AIM: creating mysql connecting with python and use select statement

ALGORITHM:

Step 1 - start the process.

Step 2 – import mysql.connector and error.

Step 3 – establish a link between mysql and python.

Step 4 – give the query **select * from speaker;.**

Step 5 – display the database.

Step 6 – stop the process.

CODE:

```
import mysql.connector
from mysql.connector import Error
try:

con=mysql.connector.connect(host='localhost',database='tom',user='root',pass
word='12345')
   s="select * from speaker;"
   rs=con.cursor()
   rs.execute(s)
   rec=rs.fetchall()
   print("no of rows",rs.rowcount)
   for i in rec:
      print("name=",i[1])
      print("dob=",i[1])
except Error as e:
   print("error message/exception type",e)
finally:
   if (con.is_connected()):
      con.close()
```

OUTPUT:

no of rows 1

name= rhea

dob= rhea

RESULT:

The above program has been executed successfully and the output is verified.

DATE:

PROGRAM NO: 20

AIM: creating mysql connecting with python and use update statement.

ALGORITHM:

Step 1 - start the process.

Step 2 – import mysql.connector and error.

Step 3 – establish a link between mysql and python.

Step 4 – give the query **update speaker set name='rhea' where sno=2;.**

Step 5 – commit the database.

Step 6 – stop the process.

CODE:

```
import mysql.connector
from mysql.connector import Error
try:

con=mysql.connector.connect(host='localhost',database='tom',user='root',pass
word='12345')
    s="update speaker set name='rhea' where sno=2;"
    cur=con.cursor()
    result=cur.execute(s)
    con.commit()
    print("done")
except mysql.connector.Error as Error:
    print("failed inserting")
finally:
    if (con.is_connected()):
        cur.close()
        con.close()
        print("mysql connector is closed")
```

OUTPUT:

done

mysql connector is closed

```
+------+------+------------+
| sno  | name | dob        |
+------+------+------------+
|    2 | rhea | 2003-03-08 |
|    2 | rhea | 2003-03-08 |
|    2 | rhea | 2003-03-08 |
+------+------+------------+
```

3 rows in set (0.00 sec)

RESULT:

The above program has been executed successfully and the output is verified.

DATE:

PROGRAM NO: 21

AIM: creating mysql connecting with python and use delete statement.

ALGORITHM:

Step 1 - start the process.

Step 2 – import mysql.connector and error.

Step 3 – establish a link between mysql and python.

Step 4 – give the query **delete from speaker where sno=1;.**

Step 5 – commit the database.

Step 6 – stop the process.

CODE:

```
import mysql.connector
from mysql.connector import Error
try:

con=mysql.connector.connect(host='localhost',database='tom',user='root',pass
word='12345')
   s="delete from speaker where sno=1;"
   cur=con.cursor()
   result=cur.execute(s)
   con.commit()
   print("done")
except mysql.connector.Error as Error:
   print("failed inserting")
finally:
   if (con.is_connected()):
      cur.close()
      con.close()
      print("mysql connector is closed")
```

OUTPUT:

done

mysql connector is closed

```
+------+-------+------------+
| sno  | name  | dob        |
+------+-------+------------+
|    2 | rhea  | 2003-03-08 |
|    2 | class | 2003-03-08 |
+------+-------+------------+
```

2 rows in set (0.00 sec)

RESULT:

The above program has been executed successfully and the output is verified.