

# Kendriya Vidyalaya Sangathan, Ahmedabad Region

## Revision Worksheet

### Interface Python with MySql

#### Subject: Computer Science

1	Identify the name of connector to establish bridge between Python and MySQL a. mysql.connection b. connector c. mysql.connect d. mysql.connector	<input type="text"/>
2	Which function of connection is used to check whether connection to mysql is successfully done or not? import mysql.connector as msq con = msq.connect( #Connection String ) # Assuming all parameter required as passed if _____: print("Connected!") else: print(" Error! Not Connected") a. con.connected() b. con.isconnected() c. con.is_connected() d. con.is_connect()	<input type="text"/>
3	Identify the correct statement to create cursor: import mysql.connector as msq con = msq.connect( #Connection String ) # Assuming all parameter required as passed mycursor = _____ a. con.cursor() b. con.create_cursor() c. con.open_cursor() d. con.get_cursor()	<input type="text"/>
4	What is the difference in fetchall() and fetchone()?	
5	Which attribute of of cursor is used to get number of records stored in cursor (Assuming cursor name is mycursor)? a. mycursor.count b. mycursor.row_count c. mycursor.records d. mycursor.rowcount	<input type="text"/>

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The code given below reads the following record from the table named student and displays only those records who have marks greater than 75:

RollNo - integer

Name - string

Class - integer

Marks - integer

Note the following to establish connectivity between Python and MYSQL:

- Username is root
- Password is tiger
- The table exists in a MYSQL database named school. Write the following missing statements to complete the code: Statement 1 - to form the cursor object Statement 2 - to execute the query that extracts records of those students whose marks are greater than 75. Statement 3- to read the complete result of the query (records whose marks are greater than 75) into the object named data, from the table student in the database.

```
import mysql.connector as mysql
def sql_data():

    con1=mysql.connect(host="localhost",user="root",
        password="tiger", database="school")
    mycursor=_____ #Statement 1
    print("Students with marks greater than 75 are :
")
    _____ #Statement 2
    data=_____ #Statement 3
    for i in data:
        print(i)
    print()
```

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**Write all the steps for creating database connectivity?**