|  |
| --- |
| import mysql.connector as sqltor  mycon=sqltor.connect(host="localhost",user="root",passwd="",database="test")  if mycon.is\_connected()==False:  print('Erro Connecting to MySQL database')  else:  print('Successfully Connected to MySQL database')  mycon.close() |
| import mysql.connector as sqltor  mycon=sqltor.connect(host="localhost",user="root",passwd="",database="test")  if mycon.is\_connected()==False:  print('Erro Connecting to MySQL database')  else:  print('Successfully Connected to MySQL database')  cursor=mycon.cursor()  cursor.execute (" drop table if exists empl")  cursor.execute ("create table empl ( empno int , ename varchar(20) , job varchar(20),\  hiredate date , sal float , deptno integer)")  mycon.commit()  cursor=mycon.cursor()  cursor.execute("describe empl")  data=cursor.fetchall()  count=0  count=cursor.rowcount  print("Total no of rows retrived in resultset : ", count)  for row in data :  print(row)  mycon.close() |
| import mysql.connector as sqltor  mycon=sqltor.connect(host="localhost",user="root",passwd="",database="test")  if mycon.is\_connected()==False:  print('Erro Connecting to MySQL database')  else:  print('Successfully Connected to MySQL database')  cursor=mycon.cursor()  cursor.execute (" drop table if exists empl")  cursor.execute ("create table empl ( empno int , ename varchar(20) , job varchar(20), \  hiredate date , sal float , deptno integer)")  cursor.execute("insert into empl(empno,ename,job,hiredate,sal,deptno)\  values({},'{}','{}','{}',{},{})".format(14,'naresh','manager','2019-11-11',7000,15))  mycon.commit()  cursor=mycon.cursor()  cursor.execute("select \* from empl")  data=cursor.fetchall()  count=0  count=cursor.rowcount  print("Total no of rows retrived in resultset : ", count)  for row in data :  print(row)  mycon.close() |
| #inserting Data  import mysql.connector as sqltor  mycon=sqltor.connect(host="localhost",user="root",passwd="",database="test")  if mycon.is\_connected()==False:  print('Erro Connecting to MySQL database')  else:  print('Successfully Connected to MySQL database')  cursor=mycon.cursor()  cursor.execute("insert into empl(empno,ename,job,hiredate,sal,deptno)\  values({},'{}','{}','{}',{},{})".format(1101,'naresh','manager','2019-11-11',7000,15))  cursor.execute("insert into empl(empno,ename,job,hiredate,sal,deptno)\  values({},'{}','{}','{}',{},{})".format(1102,'suresh','Dymanager','2019-1-11',3000,16))  cursor.execute("insert into empl(empno,ename,job,hiredate,sal,deptno)\  values({},'{}','{}','{}',{},{})".format(1103,'ramesh','SrManager','2019-11-12',7500,17))  cursor.execute("insert into empl(empno,ename,job,hiredate,sal,deptno)\  values({},'{}','{}','{}',{},{})".format(1104,'haresh','Asst.Manager','2019-12-12',7100,18))  mycon.commit()  cursor=mycon.cursor()  cursor.execute("select \* from empl")  data=cursor.fetchall()  count=0  count=cursor.rowcount  print("Total no of rows retrived in resultset : ", count)  for row in data :  print(row)  mycon.close()    # Record query based on condition  import mysql.connector as sqltor  mycon=sqltor.connect(host="localhost",user="root",passwd="",database="test")  if mycon.is\_connected()==False:  print('Erro Connecting to MySQL database')  else:  print('Successfully Connected to MySQL database')  cursor=mycon.cursor()  cursor.execute("select \* from empl where sal >{} and empno>{}".format(7000,12))  data=cursor.fetchall()  count=0  count=cursor.rowcount  print("Total no of rows retrived in resultset : ", count)  for row in data :  print(row)  mycon.close() |
| # Query by parameter passing  import mysql.connector as sqltor  mycon=sqltor.connect(host="localhost",user="root",passwd="",database="test")  if mycon.is\_connected()==False:  print('Erro Connecting to MySQL database')  else:  print('Successfully Connected to MySQL database')  sal=4000  code=12  input=(sal,code)  cursor=mycon.cursor()  query="select \* from empl where sal > %s and empno> %s"  cursor.execute(query, input)  data=cursor.fetchall()  count=0  count=cursor.rowcount  print("Total no of rows retrived in resultset : ", count)  for row in data :  print(row)  mycon.close() |
| # Query by parameter passing with user  import mysql.connector as sqltor  mycon=sqltor.connect(host="localhost",user="root",passwd="",database="test")  if mycon.is\_connected()==False:  print('Erro Connecting to MySQL database')  else:  print('Successfully Connected to MySQL database')  sal=int(input("Enter salary to be increased "))  code=int(input("Enter code for which updation required "))  input=(sal,code)  cursor=mycon.cursor()  cursor.execute("update empl set sal=sal+'%s'where empno='%s'", input)  mycon.commit()  cursor.execute("select \* from empl")  data=cursor.fetchall()  count=0  count=cursor.rowcount  print("Total no of rows retrived in resultset : ", count)  for row in data :  print(row)  mycon.close() |
| # Query by parameter passing  #Positional and keyword arguments with format  import mysql.connector as sqltor  mycon=sqltor.connect(host="localhost",user="root",passwd="",database="test")  if mycon.is\_connected()==False:  print('Erro Connecting to MySQL database')  else:  print('Successfully Connected to MySQL database')  cursor=mycon.cursor()  query="select {EMPNO},{EMPName} from empl".format(EMPNO='empno',EMPName='ename') # keyword arguments  cursor.execute(query, input)  data=cursor.fetchall()  count=0  count=cursor.rowcount  print("Total no of rows retrived in resultset : ", count)  for row in data :  print(row)  query="select {EMPNO},{EMPName} from empl where {EMPNO}>{}".format(1102,EMPNO='empno',EMPName='ename')  cursor.execute(query, input)  data=cursor.fetchall()  count=0  count=cursor.rowcount  print("Total no of rows retrived in resultset : ", count)  for row in data :  print(row)  mycon.close() |
| # Query by parameter passing  #Positional and keyword arguments with format  import mysql.connector as sqltor  mycon=sqltor.connect(host="localhost",user="root",passwd="",database="test")  if mycon.is\_connected()==False:  print('Erro Connecting to MySQL database')  else:  print('Successfully Connected to MySQL database')  cursor=mycon.cursor()  query="select {job},sum({sal}) from empl group by {sal} ".format(job='job',sal='sal') # keyword arguments  cursor.execute(query, input)  data=cursor.fetchall()  count=0  count=cursor.rowcount  print("Total no of rows retrived in resultset : ", count)  for row in data :  print(row)  '''  query="select {EMPNO},{EMPName} from empl where {EMPNO}>{}".format(1102,EMPNO='empno',EMPName='sal')  cursor.execute(query, input)  data=cursor.fetchall()  count=0  count=cursor.rowcount  print("Total no of rows retrived in resultset : ", count)  for row in data :  print(row)  '''  mycon.close() |