Creating a DataBase

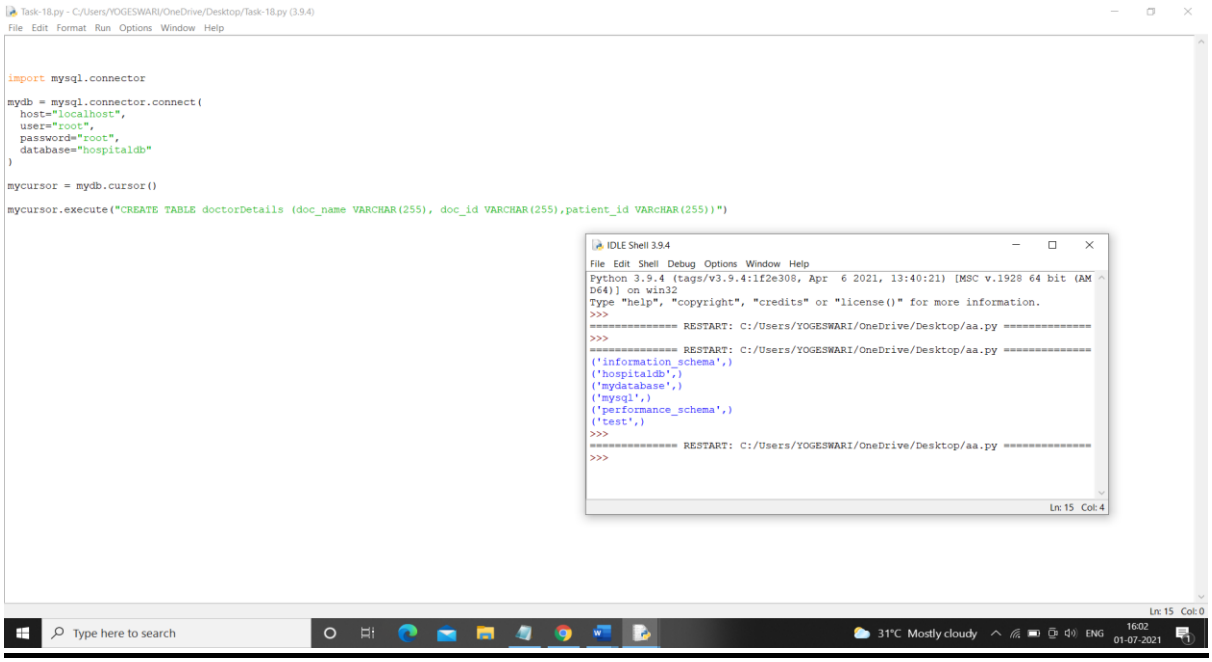
```
import mysql.connector
mydb = mysql.connector.connect(
  host="localhost",
  user="root",
  password="root"
)
dbse = mydb.cursor()
dbse.execute("CREATE DATABASE hospitaldb")
```

Display DataBase

```
import mysql.connector
mydb = mysql.connector.connect(
  host="localhost",
  user="root",
  password="root"
)
mycursor = mydb.cursor()
mycursor.execute("SHOW DATABASES")
for x in mycursor:
  print(x)
```

```
('information_schema',)
('hospitaldb',)
('mydatabase',)
('mysql',)
('performance_schema',)
('test',)
>>>
```

Create a Table (doctorDetails)



1) Create a DB with doctor and doctor ID & patients visited

```
import mysql.connector
mydb = mysql.connector.connect(
  host="localhost",
  user="root",
  password="root",
  database="hospitaldb"
)
mycursor = mydb.cursor()
sql = "INSERT INTO doctorDetails (doc_name,doc_id,patient_id) VALUES (%s, %s,%s )"
val = [
        ('John', '101', '10')
```

```
        ('Amy', '102', '7')
      ('Hannah', '103', '0')
      ('Michael', '104', '4')
      ('Sandy', '105', '3')
      ('Betty', '106', '2')
      ('Richard', '107', '9')
      ('Susan', '108', '7')
      ('Vicky', '109', '0')
      ('Ben', '110', '0')

   ]
mycursor.execute(sql, val)
mydb.commit()
print(mycursor.rowcount, "  inserted.")
```

```
import mysql.connector
mydb = mysql.connector.connect(
  host="localhost",
  user="root",
  password="root",
  database="hospitaldb"
```

```
)
mycursor = mydb.cursor()
mycursor.execute("SELECT * FROM doctorDetails")
myresult = mycursor.fetchall()
for x in myresult:
  print(x)
```

```
>>>
============ RESTART: C:/Users/YOGESWARI/OneDrive/Desktop/Task-18.py ===========
('John', '101', '10')
('Amy', '102', '7')
('Hannah', '103', '0')
('Michael', '104', '4')
('Sandy', '105', '3')
('Betty', '106', '2')
('Richard', '107', '9')
('Susan', '108', '7')
('Vicky', '109', '0')
('Ben', '110', '0')
>>>
```

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2) Get the doctor(s) who have more than 5 patients visited

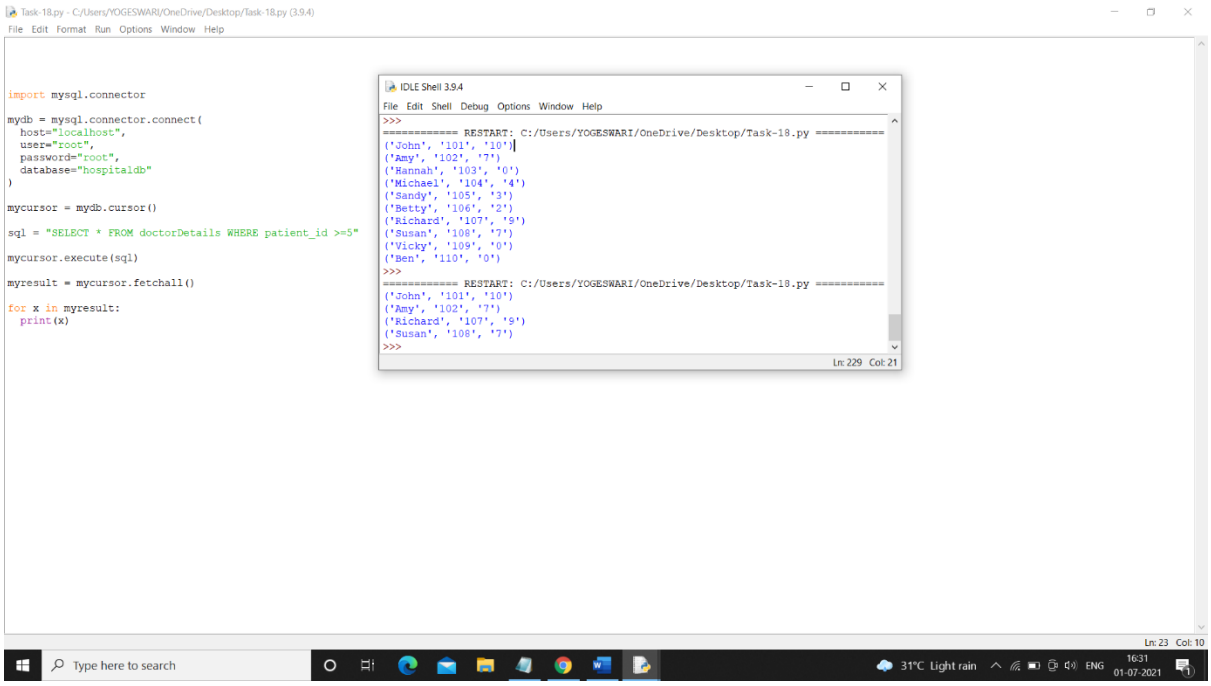
```
import mysql.connector
mydb = mysql.connector.connect(
  host="localhost",
  user="root",
  password="root",
  database="hospitaldb"
)
mycursor = mydb.cursor()
sql = "SELECT * FROM doctorDetails WHERE patient_id >=5"
```

```
mycursor.execute(sql)

myresult = mycursor.fetchall()

for x in myresult:

  print(x)
```



3) Get the doctors with no patients visit

```
import mysql.connector

mydb = mysql.connector.connect(

  host="localhost",

  user="root",

  password="root",

  database="hospitaldb"
```

```
)
mycursor = mydb.cursor()
sql = "SELECT * FROM doctorDetails WHERE patient_id =0"
mycursor.execute(sql)
myresult = mycursor.fetchall()
for x in myresult:
  print(x)
```