

Run Python in Ubuntu



26..txt
Document

how to run this in ubantu terminal

You have Python code that connects to MySQL. To run it in Ubuntu terminal, follow the steps below.

1. Start MySQL Server

```
bash
sudo service mysql start
```

2. Login to MySQL

```
bash
mysql -u root -p
```

3. Create database (if not created)

```
sql
CREATE DATABASE test;
USE test;
```

4. Create the emp table

```
sql
CREATE TABLE emp (
    emp_no INT PRIMARY KEY,
    name VARCHAR(50),
    salary INT
);
```

Exit MySQL:

```
sql
exit;
```

5. Install Python & MySQL Connector

```
bash
sudo apt update
sudo apt install python3 python3-pip -y
```

```
pip3 install mysql-connector-python
```

6. Save your Python file

Example filename:

```
employee.py
```

Copy your Python code exactly into this file.

7. Run the file

```
bash  
python3 employee.py
```

Important Note:

If your MySQL root user has a password, write it in the code:

```
python  
  
con = mysql.connector.connect(  
    host="localhost",  
    user="root",  
    password="yourpassword",  
    database="test"  
)
```

If you want, I can also convert this into **Java** or **PHP** version.



25..txt
Document

and how to run this

Here is the **exact step-by-step process** to run your MongoDB Python program in **Ubuntu terminal**.

1) Install MongoDB (if not installed)

```
bash  
  
sudo apt update  
sudo apt install mongodb -y
```

2) Start MongoDB Service

```
bash  
  
sudo service mongodb start
```

Check status:

```
bash  
  
sudo service mongodb status
```

3) Install Python & MongoDB Driver (pymongo)

```
bash  
  
sudo apt install python3 python3-pip -y  
pip3 install pymongo
```

4) Open Mongo Shell (Optional Check)

```
bash  
  
mongosh
```

or old shell:

```
bash  
  
mongo
```

List databases:

```
js  
  
show dbs
```

Exit:

```
js  
  
exit
```

5) Save your Python Code to a File

Create file:

```
bash  
  
nano mongo_connect.py
```

Paste your code:

```
python

from pymongo import MongoClient

client = MongoClient("mongodb://localhost:27017")
db = client.mydb
emp = db.Employee

# Insert
emp.insert_one({"Name": "Rohan", "Company": "TCS", "Salary": 55000})

# Display
for e in emp.find():
    print(e)

# Update
emp.update_one({"Name": "Rohan"}, {"$set": {"Salary": 60000}})

# Delete
emp.delete_one({"Name": "Rohan"})
```

Save:

Press **CTRL + S** then **CTRL + X**

6) Run the Python Program

```
bash

python3 mongo_connect.py
```

Expected Output

It will print the inserted employee record before update/delete:

```
bash

{'_id': ObjectId('...'), 'Name': 'Rohan', 'Company': 'TCS', 'Salary': 55000}
```

No errors = Successfully connected to MongoDB.

If you want, I can now:

- Create **PHP version**
- Create **Java version**
- Create **GUI form (Tkinter / Java Swing)**

Just tell me which one.