

1. PYTHON INSTALLATION:

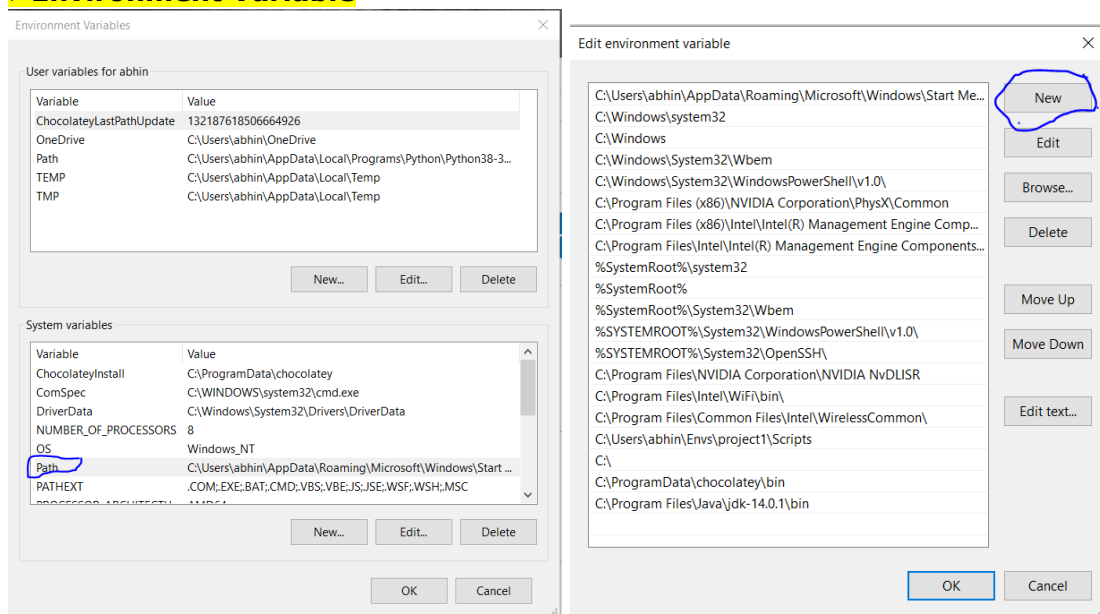
1. Go to python and download the latest version of python.
2. LINK: <https://www.python.org/>
3. After installation check weather the python work in terminal or not.
4. For that run **cmd** by pressing **home key + r**.
5. Write **cmd** and press enter.
6. A terminal window will open there just write **python --version**.

```
C:\Users\abhin>python --version
Python 3.7.1
```

7. If writing python it will tell you that **python is not recognized as an internal or external command**, then you have to set the path of the python so that it can work in command prompt.

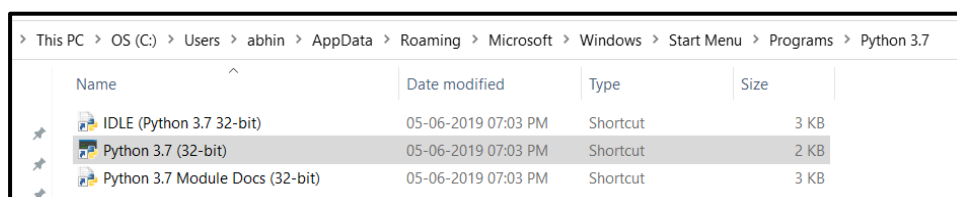
For that:

Right click on My Computer ->Properties ->Advanced System setting ->Environment Variable



Double click on Path.

Click on new then copy the path were your python file is installed



After copying the file press ok. After this go back to command prompt and write **python -version**.

2. PIP INSTALLATION:

1. For installing pip just click on this link <https://bootstrap.pypa.io/get-pip.py>.
2. Copy all the text and paste in notepad and save the file with a name of **get-pip.py**.
3. After saving the file just open the cmd(command prompt) and open the directory where file is saved.
Write cd to move to the directory.
Eg cd c:/abhin/Desktop

Then run the file by writing `python get-pip.py`

3. VIRTUAL ENVIROMENT SETUP

1. Open the command prompt/cmd
2. Write `pip install virtualenv`
3. Then go to the project location inside the first ongc folder (cd ongc).
4. Create the virtual environment by writing `virtualenv env`. (env - you can write any name of your environment.)
5. Now activate your environment. `.\env\Scripts\activate`
6. After completing your project to deactivate the environment you write **deactivate** only.

4. INSTALL REQUIREMNETS:

To install all the dependencies required for project just run the line given below.

`pip install -r requirements.txt`

5. TO RUN THE PROJECT:

Write the command in cmd:

```
python manage.py runserver
```

copy the link come in your terminal:

```
(myprojectenv1) PS C:\Users\abhin\OneDrive\Desktop\internship\ongc> python manage.py runserver
Watching for file changes with StatReloader
Performing system checks...

System check identified no issues (0 silenced).
July 11, 2020 - 19:36:13
Django version 3.0.7, using settings 'ongc.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CTRL-BREAK.
```

<http://127.0.0.1:8000>

OFFICER LOGIN:

USERNAME: 17ongc0422

PASSWORD: 12345678@

In views.py inside the registration_ongc folder

Just write the email of the department and password of the department

i.e. `smtp.login("abc@gmail.com", "password@1234")`

```
def send_email(to,name,mobile):
    name = name.upper()
    mobile = mobile
    message = EmailMessage()
    message['subject'] = "summer training-2020"
    message['from'] = "your username"
    message['to'] = to
    message.set_content("hello ")
    html_message = open("registration_ongc/templates/registration_ongc/mail.html",encoding="utf8").read().replace("Taata",name+" - "+mobile)
    message.add_alternative(html_message, subtype='html')
    with smtplib.SMTP_SSL("smtp.gmail.com", 465) as smtp:
        smtp.login("your username", "your password")
        smtp.send_message(message)

@login_required(login_url='officerlogin')
def sendmails(request):
    RegForms = RegForm.objects.all()
    total_no = len(RegForms)
    for i in range(total_no):
        if RegForms[i].counter == 2:
            name = RegForms[i].name
```

```
        mobile = RegForms[i].mobile
        email = RegForms[i].email
        send_email(email,name,mobile)
    messages.success(request, "Mail sent")
    return redirect("officer")
```