1) Install python

Download Anaconda from   https://www.anaconda.com/download/. Save in home folder.
Now execute following command on terminal within home folder

sh Anaconda3-5.0.1-Linux-x86_64.sh
its the most famous distribution for python.

Alternatively , you can download python 3.6 using following command

sudo apt install pip
pip install python

Ubuntu 16.04 ships with both Python 3 and Python 2 pre-installed. To make sure that our versions are up-to-date, let's update and upgrade the system with `apt-get`:

```
sudo apt-get update
sudo apt-get -y upgrade
```

To manage software packages for Python, let's install **pip**:
```
sudo apt-get install -y python3-pip
```

```
install Python packages by typing:
```
```
pip3 install package_name
```

2) Install Editor – Atom

Download atom file "atom-amd64.deb" from https://atom.io/ and install by double click on it.

(This is optional)
Proxy setting for ATOM editor to install terminal plugin:

apm config set proxy "http://username:password@10.0.1.1:8050"
apm config set https_proxy "https://username:password@10.0.1.1:8050"

3) Add plugins in Editor

Install **platformio-ide-terminal** and **autocomplete-python** plugin (Go to Atom editor, Click Help -> Welcome Guide)

You can also atom-django (optional)

** **Working of Python Interpreter** **

FAQ

1) To change font size of script output

/home/dbit/.atom/packages/script/styles/script.less

```
.script-view {
  .panel-body pre {
    background: @tool-panel-background-color;
    color: @text-color;
    font-size: 1.5rem;
  }
}
```

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