

# Run Jupyter notebook on android using termux

*on January 28, 2020*



First we need ubuntu installed on android. Read this post

<https://lnjpitworld.blogspot.com/2020/01/install-ubuntu-on-android.html>

After installing Ubuntu, we need to install python.

## Installing python

```
apt install python3
```

This will install python3-minimal which doesn't contain pip. So we need to install pip also.

## Installing pip3

```
apt install python3-pip
```

To install numpy, jupyter we can use pip. But before that we need to install cython as this is required to install numpy.

## Installing cython

```
pip3 install cython
```

Let's install other libraries

## Installing libraries

```
pip3 install numpy jupyter
```

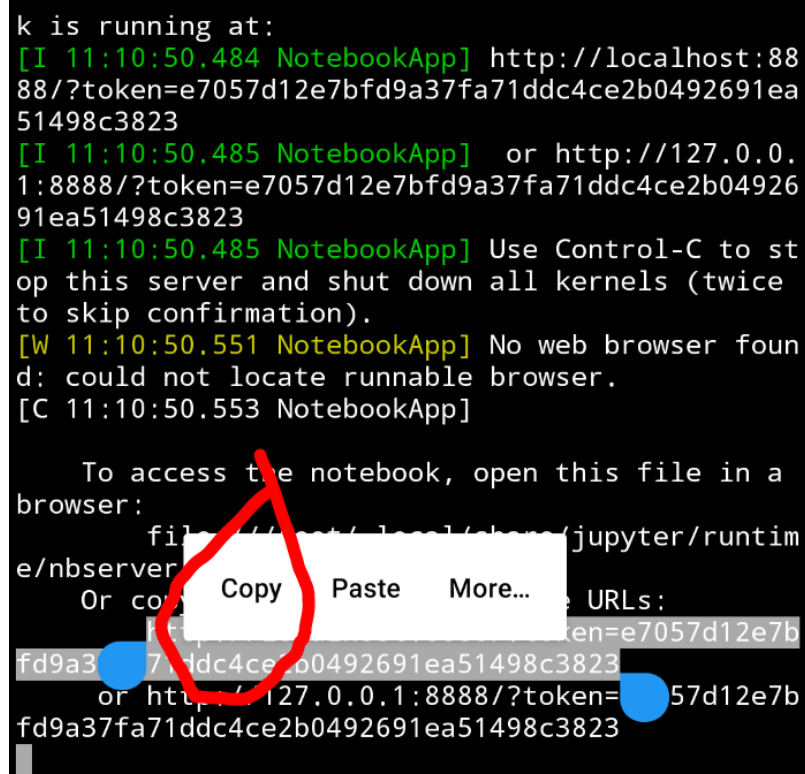
Let's run jupyter by command **jupyter notebook**

**root@localhost: jupyter notebook**

Copy and paste the link in the browser.

```
k is running at:
[I 11:10:50.484 NotebookApp] http://localhost:88
88/?token=e7057d12e7bfd9a37fa71ddc4ce2b0492691ea
51498c3823
[I 11:10:50.485 NotebookApp] or http://127.0.0.
1:8888/?token=e7057d12e7bfd9a37fa71ddc4ce2b04926
91ea51498c3823
[I 11:10:50.485 NotebookApp] Use Control-C to st
op this server and shut down all kernels (twice
to skip confirmation).
[W 11:10:50.551 NotebookApp] No web browser foun
d: could not locate runnable browser.
[C 11:10:50.553 NotebookApp]

To access the notebook, open this file in a
browser:
file:///home/.../jupyter/runtime
e/nbserver...
Or copy and paste this URL into a browser:
http://localhost:8888/?token=e7057d12e7b
fd9a37fa71ddc4ce2b0492691ea51498c3823
or http://127.0.0.1:8888/?token=e7057d12e7b
fd9a37fa71ddc4ce2b0492691ea51498c3823
```



Now you can work on jupyter notebook on your android.



jupyter Untitled



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Python 3



Run



Code



In [1]:



```
import numpy
```

In [2]:



```
numpy.random.randint(100)
```

Out[2]:

94

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