Python on android using termux
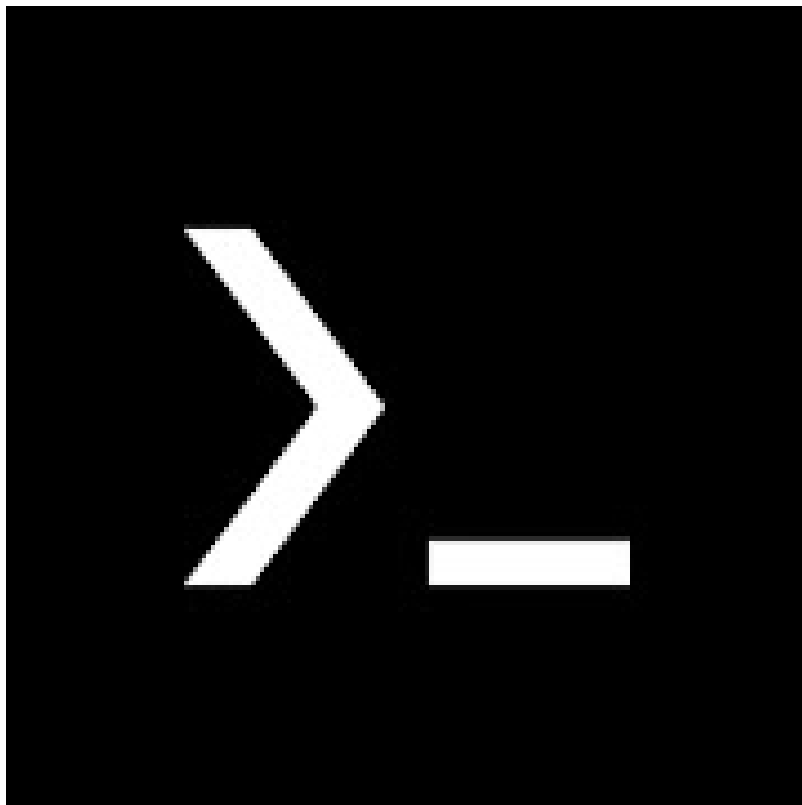
You can run a python interpreter on android. All you need to install termux on it.

Termux is available on Google play store and F-Droid.

Google play : https://play.google.com/store/apps/details?id=com.termux&hl=en_IN

F-Droid : https://f-droid.org/en/packages/com.termux/

GitHub : https://github.com/termux/termux-app

Installing python

```
pkg install python
```

After installing python you can now install libraries using pip. Python interpreter doesn't have code completion feature which is helpful. **Bpython** and **ptpython** are two libraries which can fulfill this requirement. These libraries have other features also. They have features like history which saves your previous code, so you don't have to write a code repeatedly.
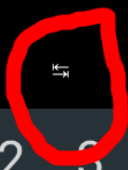
Installing bpython

```
pip install bpython
```

You can select auto completions using tab button.

```
$ bpython
bpython version 0.18 on top of Python 3.8.1 /dat
a/data/com.termux/files/usr/bin/python3
>>> l = [1,2,3]
>>> l.

  append    clear     copy
  count     extend    index
  insert    pop       remove
  reverse   sort


ESC      ⇆      CTRL    ALT      —      ↓      ↑

1   2   3   4   5   6   7   8   9   0
```

```
$ bpython
bpython version 0.18 on top of Python 3.8.1 /dat
a/data/com.termux/files/usr/bin/python3
>>> l = [1,2,3]
>>> l = [1,2,3]

  l          lambda    len(
  license(   list(     locals(
```

Installing ptpython

```
pip install ptpython
```
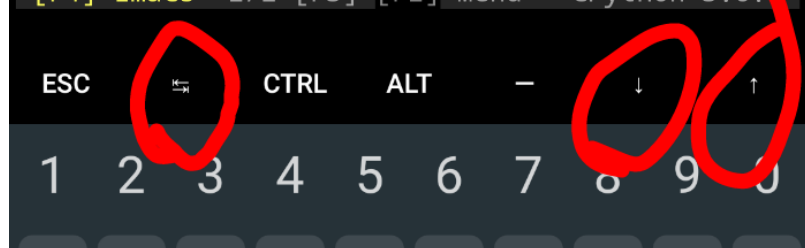
You can select auto completions using tab, arrow keys.

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