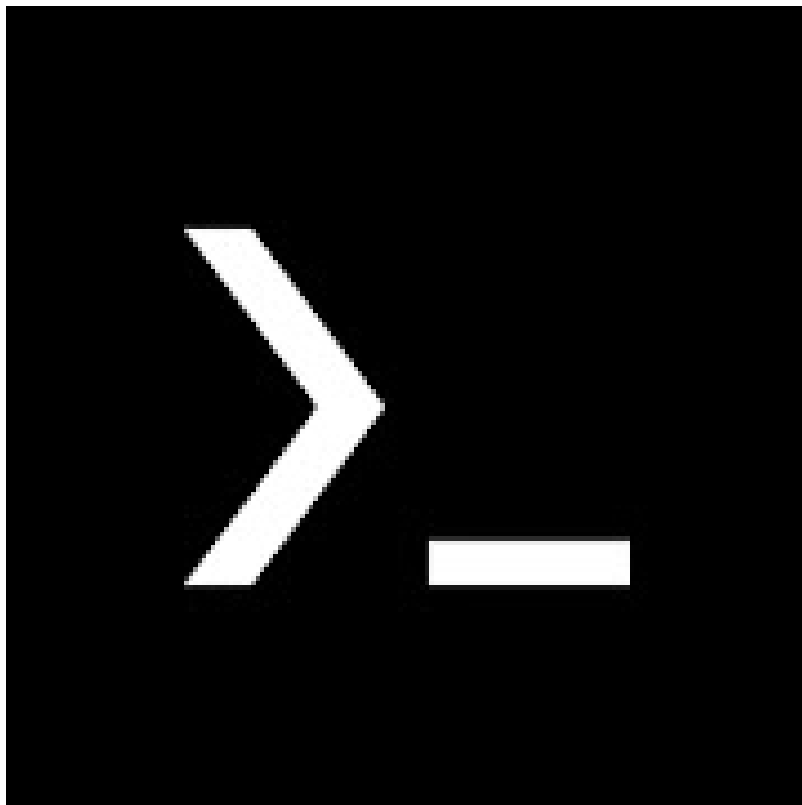


Python on android using termux

on January 28, 2020



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.

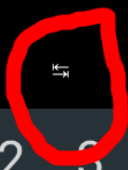
Installing bpython

```
pip install bpython
```

You can select auto completions using tab button.

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

| | | |
|----------|--------|---------|
| l | lambda | len(|
| license(| list(| locals(|

Installing ptpython

```
pip install ptpython
```

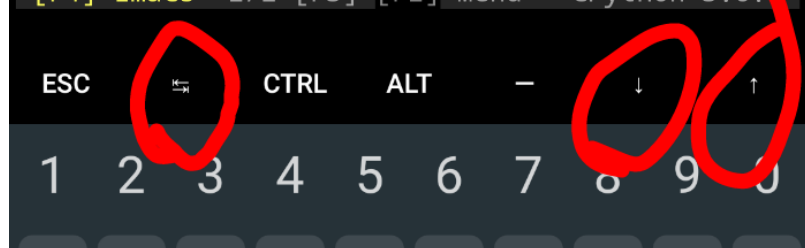
You can select auto completions using tab, arrow keys.

```
$ ptpython
>>> l = [1,2,3]

>>> l.append
```

| | |
|--------------|-------------------|
| append | __format__ |
| clear | __ge__ |
| copy | __getattribute__ |
| count | __getitem__ |
| extend | __gt__ |
| index | __hash__ |
| insert | __iadd__ |
| pop | __imul__ |
| remove | __init__ |
| reverse | __init_subclass__ |
| sort | __iter__ |
| __add__ | __le__ |
| __class__ | __len__ |
| __contains__ | __lt__ |
| __delattr__ | __mul__ |
| __delitem__ | __ne__ |
| __dir__ | __new__ |
| __doc__ | __reduce__ |
| __eq__ | __reduce_ex__ |

[F4] Emacs 2/2 [F3] [F2] Menu - CPython 3.8.



ANDROID

OPENSOURCE

PYTHON



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