

pipenv > install in Android.

- Every file is a program & program is a set of instructions.

Python Distributions:

Python distribution Python S/W bundle. which consist:

- i) python software.
- ii) Appⁿ specific libraries.
- iii) Editors or IDE.

One of the famous distribution in python is Anaconda Python.

Python Implementations:

- Iron Python
- Jython
- PyPy
- Stackless Python

Python working mode:-

Python working mode are two types:-

- ① Interactive mode.
- ② Scripting mode / Programming mode.

Interactive mode:

19/10/23
Thur.

- In interactive mode python developer programmed works with python shell.
- python shell is command line interface or python shell is REPL tool (REPL stands for Read Evaluation Print-loop)
- python shell is single line command line interface.
- In interactive mode programmes cannot develop or write programs.

`>>>` Python prompt

→ Interactive mode

→ this is called chevron prompt or CLI (command line interface)

What is use of interactive mode?

1) Configurations.

2) Testing if command executed properly or not.

3) learners starts learning giving commands in interactive mode.

How to work in interactive mode?

1) without using editor, ~~IDE~~ IDE.

2) using IDE

How to work in interactive mode without

working with interactive mode using IDE or editor.

→ Every editor allows working in two modes.

(a) interactive mode

(b) Scripting mode / programming mode.

→ working with python shell.

• Open IDE

• Search → IDE in window.

① `>>> import calendar`

`>>> print(calendar.month(2023, 10))`

② `import math`

`math.factorial(5)`

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Programmer → Source code → bytecode → PVM → in executable code.

- 1 prog. is 1 module. eg: math, calendar, they are module. which we are using not writing.

• Programming Mode Or Scripting Mode :-

⇒ In programming mode, python developer creates a program or file by storing all the instructions. This file or program can be executed one or more than one time. Every python program is saved with extension .py. (source file or source program).

⇒ Every python program is called module.

① writing python program in non python editor (Notepad).

Operating Systems:-

Windows

unix (Linux, solaris)

Database:-

Oracle / SQL server / mysql.

Programming language:-

python (core python and Adv python)

Collection

Cloud: AWS Basics.

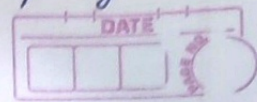
↳ which provide h/w & s/w.

Note:-

⇒ write a program in notepad & save it with extension .py (eg:- prog.py)

↳ this is non-python editor. we can't run our program here.

→ go to cmd then run/execute our program.
Eg:- Python prog.py.
→ O/p will come.



IDLE editor

Print("Hello world!")

then save it

the, click on run →

→ ① open IDLE.

② select file → new file.

③ type python program.

④ save prog. → file → save.

⑤ Run prog → Run → Run Module.