

Where We Run Python Code ?

Python Offeres a Package i.e ANACONDA NAVIGATOR

ANACONDA NAVIGATOR



```
graph TD; A[ANACONDA NAVIGATOR] --- B(Spyder); A --- C(NoteBook); A --- D(Jupyter); A --- E(Orange);
```

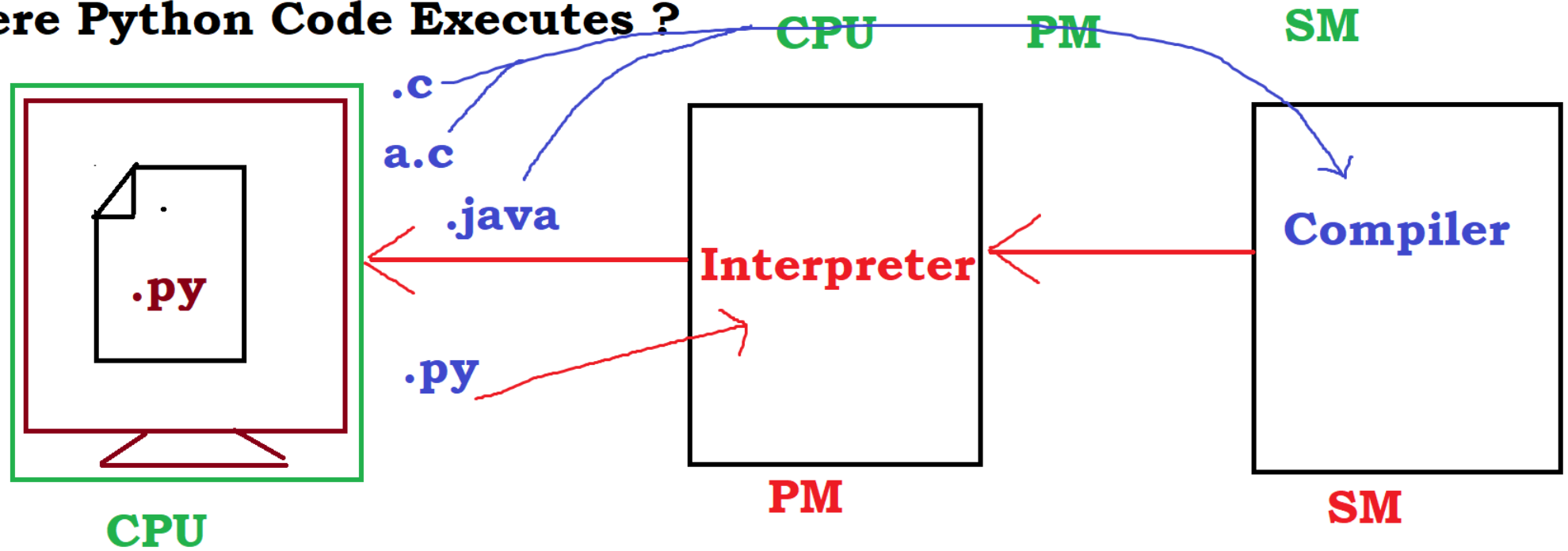
Spyder

NoteBook

Jupyter

Orange

Where Python Code Executes ?



Compiler VS Interpreter

Compiler — **Error Checking** — **Interpreter**

ewqe
qwer
erw
wrw
rerw
ewrw

asdas

fds

fs

isd

fdsfds

sdfdsfs

Features of Python

Platform Independent

Only Interpreter

Dynamic Typing

Dynamic Memory Allocation

Indentation

Supports GUI

Supports Data Bases

Scripting Language

Structure of Python

- Formatting of Code

Python has Structure or Not ?

- Structure

Package -
Collection of
Modules

Module -
Collection of
Classes

Package Section

— **from**

Module Section

— **import**

Class Section

— **class**

Method Section

— **def**

Block of Code Section

—

Syntax (Structure)

Comments

These are Lines which are used to know what is happening at LoC(Line of Code).

These are Non Execuable Stmts.

Types on Comments

1. Single Line #
2. Multi Line

'''

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'''

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a<-10

a=10 #Comment

b=20

c=a+b

print(c)