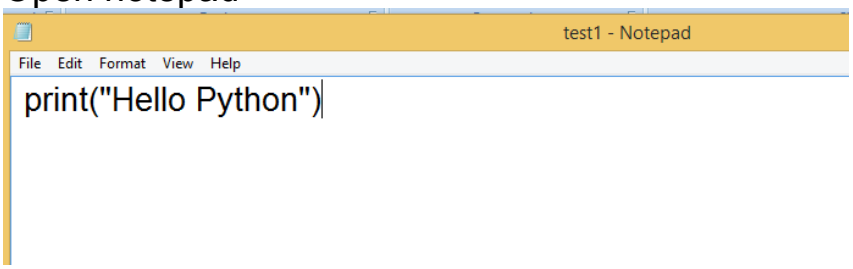
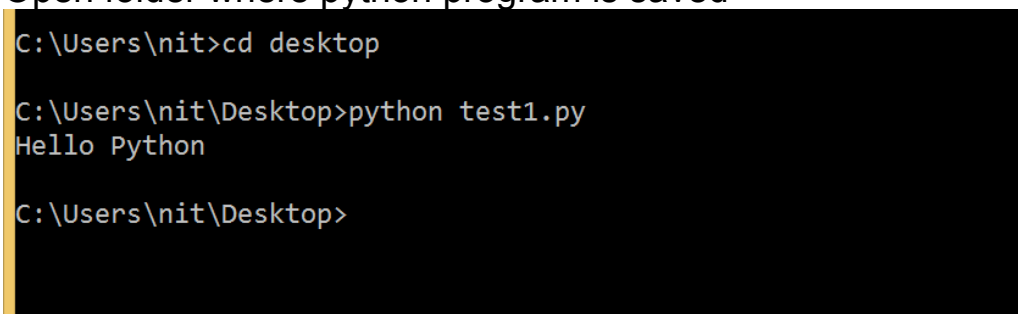
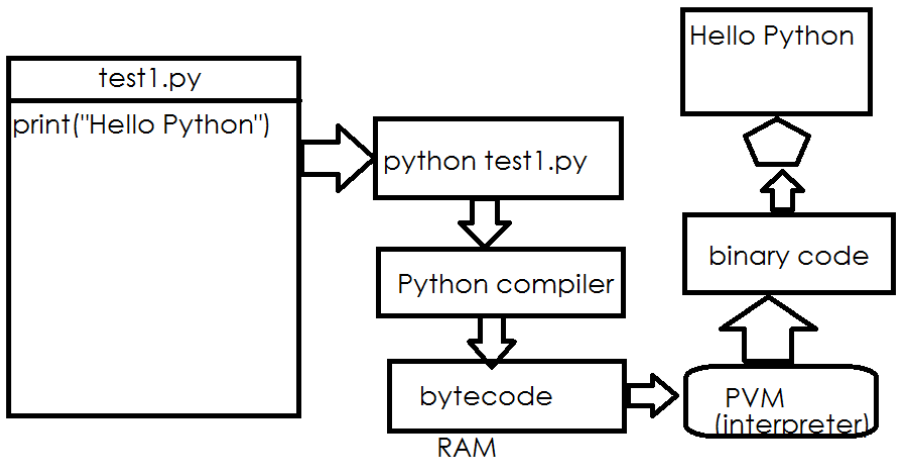
How to write and execute python program without using python editor (IDE)?

1. Open notepad
2. 

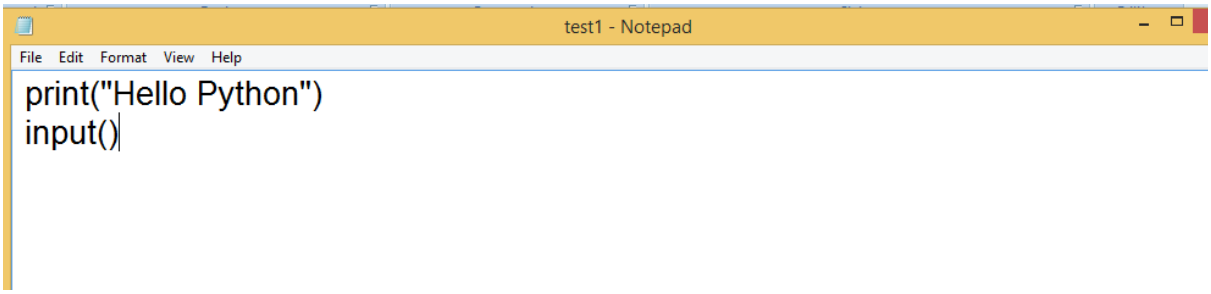
3. Save the program with extension .py
4. Open command prompt
5. Search → cmd
6. Open folder where python program is saved
7. 

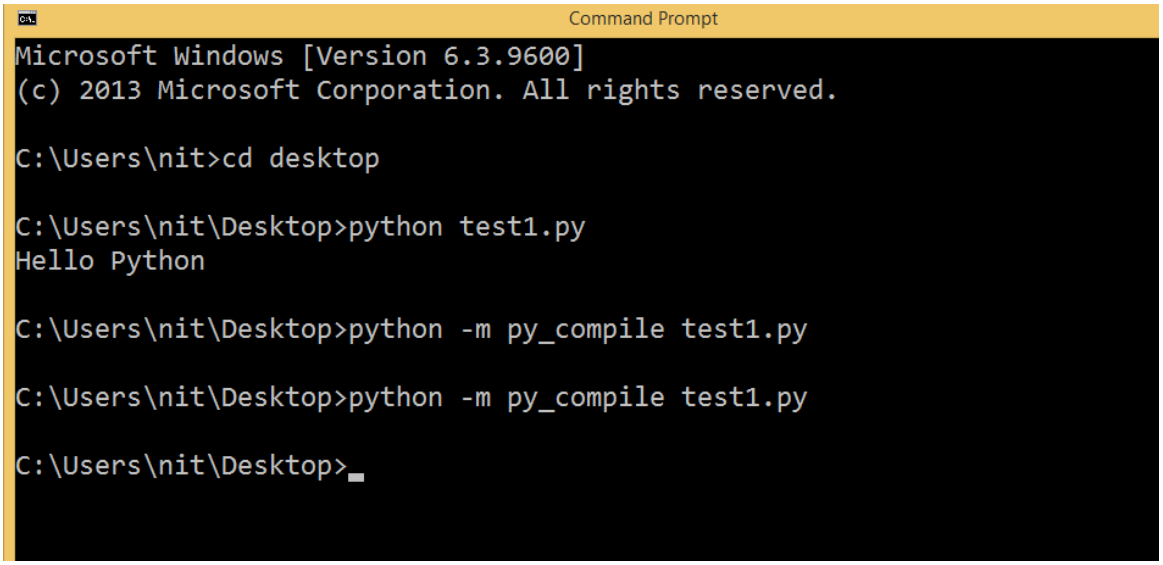
compilation and execution process of python program



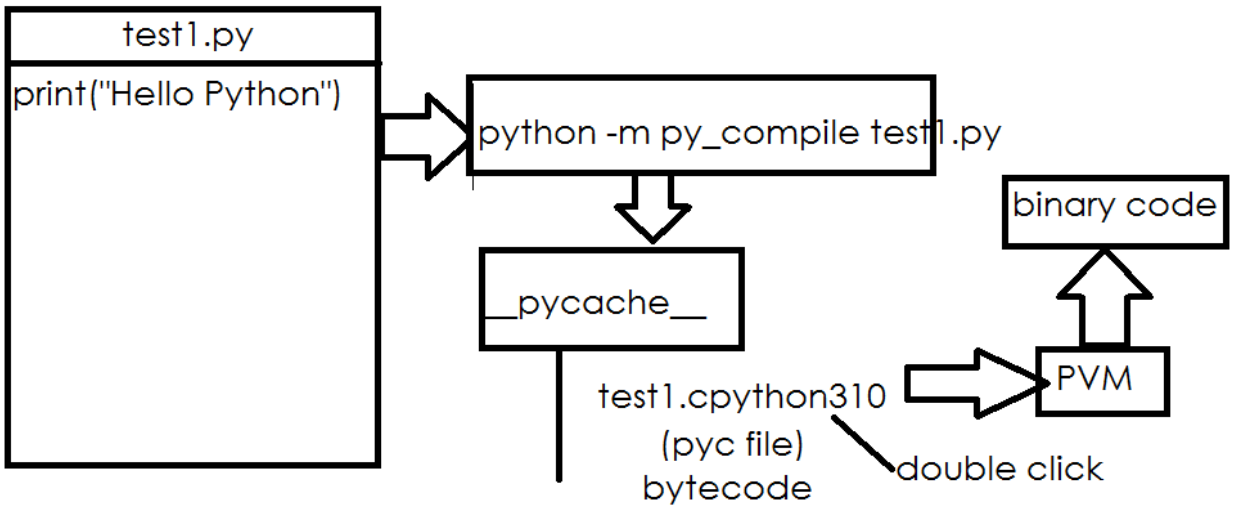
Whenever we compile python program, python compiler generate byte code. This byte code is stored inside RAM. The byte code stored inside RAM is temp.

How generate .pyc file or intermediate file?

1. Open notepad
2. Write a python program
3. 

4. Save the program with extension .py
5. Open command prompt
6. 

-m is an option provided by python command
This option is used to include module before compiling program
py_compile is a predefined module/lib which provides function for compiling program. this module create one folder __pycache__. This folder contains .pyc



Python Language Fundamentals

1. Character set
2. Tokens of python
    a. Keywords
    b. Identifiers
    c. Literals
    d. Operators
    e. Data Types
3. Structure of writing python program

English	Python
1. Alphabets	1. Character set
2. Words	2. Tokens
3. Sent	3. Statements
4. para	4. Program
	5. Software

Character set of python

Character set defines encoding and decoding standards.
There are two types of character sets.

1. ASCII
2. UNICODE