Python

* Python in interpreted, object-Oriented, High-level programming language
* Open source
* Large number of libraries available
* Portable can be used in all OS
* Python use Interpreter
* Interactive mode – command prompt
* Script mode – IDLE
* After install Anaconda launch spyder

**Variable:-**

Variables are containers to store value

* Should start with alphabet or underscore (\_)
* Numeric can come at after the start
* Name should be alphanumeric and underscore
* Case sensitive
* Memory allocation based on values only

**Keywords:-**

* Keyword is reserved word
* We can’t use a keyword as a variable name method name or any identifier
* It is a case sensitive
* import keyword
* print(keyword.kwlist) will show all the keyword in python

**Input:-**

* Get input from user use input function

Eg:- name = input()

Print(name)

* When we run it will allow user to input value and print it in console
* To know the type of input

Print(type(name))

* Input function convert all data type into string
* To convert into int
  + a=int(input(“value of A : ”))
  + b=int(input(“value of B : ”))
  + c=a+b
  + print(c)

it will convert value user given into integer

* For all the data type
  + Int(input())
  + float(input())