

The Python logo is a horizontal oval with a gradient from purple on the left to blue on the right. Inside the oval is a red rectangle containing the word "PYTHON" in white, bold, sans-serif capital letters.

# PYTHON

「Variables」

### ● Python Variables

Variable is a name that is given to refer a memory location. In Python , We do not need to declare variables type before using them. It is automatically taken care by python.

### ● Rules for Python variables:

- Variable name must start with a letter (preferred lower case ) or the underscore character.
- Variable name cannot start with a number.
- A variable name can only contain alpha-numeric characters and underscores (A-z, 0-9, and \_)
- Variable names are case-sensitive (name & Name & NAME are three different variables)
- Variable names must not have any space

- Python Variable characteristic
  - The value stored in a variable can be changed during runtime execution.
  - All the operations done on the variable effects that there memory location.

- Can't use below list of symbol
- : " ' , < > / ? | \ ( ) ! @ # \$ % ^ & \* ~ - + `

THANK

YOU