



### How to create variables or allocate memory?

Python is dynamically typed language; the type is defined during the execution of program based on value type.

In python variables are created by assigning objects or values.

A variable is an identifier which identify object created within RAM.

Identifier/variable is called object name.

In python variables does not hold values but hold address of objects.

In python variables are reference variable.

In python variables does not bind with one data type.

Statically typed  
language

int a;

a=10

a=20

a=1.5

Dynamically  
Typed language

int a ~~X~~

a=5

a=1.5

int data type

value:5  
type:int

1000

Int data type