

Rules for naming variables

1. can contain letters, numbers and underscores.
2. Variable names are case-sensitive
3. Cannot use Python keywords.

3/11/25

n = ~~not~~ input("Enter your name")

p = input("Enter your place")

print(f"my name is {n}, my place is {p}") - format method
(Q3)

print('my name is', n, 'my place is', p)

* To know the data type

type(n) = int (Q3) print(type(n))

Data types

- It tell the type of value a variable holds
 - ⇒ what kind of data is stored in memory

1. Single Value: These data types store only one value at a time

Ex: int, float = 3.14

bool = True, False

NoneType = None

multi value Data types

It can store multiple values in a single variable.

Ex : 1) Str : Sequence of char Ex : "Python"

2) List : ordered, changeable [10, 20, 30]

3) tuple : ordered, unchangeable (1, 2, 3) or (1, True, "v")

4) Set : unordered of unique items {1, 2, 3}

5) dict : collection of key - value

pairis : { "name": "vishu", "age": 22 }

6) Range : Sequence of no range(5)

* multiple Assignment

a, b, c = 10, 20, 30 \Rightarrow a=10; b=20; c=30;

a=b=c = 100