

First Python Program - print ("Hello World")

COMMENTS - are used as short descriptions along with code to increase its readability and they are not interpreted by Python.

- i) Single line comments - represented by #
- ii) multi line comments - """ or '''

Keywords - are reserved words used for particular task. It can't be used as identifiers
eg. def, else, if, for, True, False . etc

Variables : Variables are like containers that can be filled in with different types of data values.
Once a variable is assigned a value, you can use that variable in place of the value.

Syntax : Variable_name = Value

eg. greeting = "Hello World"
print(greeting)

x = 10 print(x+1) # add number to variable

a, b, c = 1, 2, 3 print(a, b, c) # multiple variable

Variable Naming Rules :

- 1) Begin with letter (a-z, A-Z) or an underscore(_)
- 2) can contain letters, numbers & underscore
- 3) Case sensitive
- 4) cannot be a reserved keyword (like, for, if, etc).

Valid variable declaration

- 1) A = 6 , b = 12
- 2) num = 123 , Num1 = 234
- 3) -sub-marks = 99

Invalid variable declaration

- 1) Inum = 6
- 2) Stu id = 34
- 3) @names = "nithya"

Input function in Python .

This function is used to take input from the user

eg : n = input ("enter your name")

p = input ("enter your place")

general printing statement

print ("my name is ", n, ", i am from ", p)

O/P : enter your name

enter your place

my name is Nithya, i am from Tamilnadu.

Add 2 Numbers

num1 = int(num1)

num2 = int(num2)

Sum = num1 + num2

print ("The sum of ", num1, " and ", num2, " is : ", sum)

.format method .

print ("My name is {} , I am from {} ".format(n, p))

My name is Nithya, I am from Tamilnadu.