

Comments

"""

1. Comments are lines that we use for explaining the program.
Comments are pieces in a program that we use for documentation.
Comments increase the readability of the program
Comments are ignored by the interpreter.

Uses of Comments:

Code Explanation: Clarifying the purpose and logic of code sections.

Readability: Enhancing the overall readability of the code.

Debugging/Testing: Temporarily disabling code sections for testing or debugging.

Documentation: Providing notes, references, or context for future reference.

Syntax:

Single Line Comments:

#

Ex:

This is a Single Line Comment

"""

Multi Line Comments:

"""Opening and Closing"""

or

'''Opening and Closing'''

"""

This

is

a

Multi

Line

Comment

"""

'''

This

is

a

Multi

Line

Comment

'''

"""

Output:

We use print function to display the output to the user.

print do not consider the meaning.

Syntax:

print(*<objects>, sep, end, file, flush)

sep => Separator. It is the character by which the objects will be separated.

By Default, it will print ' '(space)

end => ending. It is the character which will be printed after all the objects are printed.

By Default, it will print '\n' (new line).

file => File argument is used to print the text to a file.

By Default, It will print to sys.stdout

flush => To flush the text from the stream.

"""

print("I am Learning Python")

```

print("I am Learning", "Python")
print("I am", "Learning", "Python")
print("I", "am", "Learning", "Python")

print(1, 2)
print(1, 2, 3, 4, 5)

print("skerfaliserfnuelrfnhseroliufnhesorliu ealiru hseliueaoirlu aelcanerlcaiuezh
vawiesurhv")

# With Separator
print("I", "am", "Learning", "Python")
print("I", "am", "Learning", "Python", sep='*****')

print("I", "am", "Learning", "Python", end='$$$$$$$$$$$$$$$$')
print("I", "am", "Learning", "Python")

with open("output.txt", "w") as fp:
    print("Write the text to a file", file=fp)

# Input
# input(<prompt>)
# Input by default will return the value as a string
# Input will print the prompt message that is provided to the console.
# Default value for prompt is ""
# print("Enter Input: ")
a = input("Enter Input: ")
print(a)
print(type(a))

```