



Comments

- Comments can be used to explain Python code.
- Comments can be used to make the code more readable.
- Comments are ignored during execution. (not considered while executing the code)

Creating a Comment

- Comments starts with a #, and Python will ignore them:

```
In [1]: 1 #this is comment
```

```
In [2]: 1 #This is a comment
        2 print("Hello, World!")
```

Hello, World!

Comments can be placed at the end of a line, and Python will ignore the rest of the line

```
In [3]: 1 print("Hello, World!") #This is a comment
```

Hello, World!

A comment does not have to be text that explains the code, it can also be used to prevent Python from executing code:

```
In [4]: 1 #print("srk")
        2 print("ds")
```

ds

Multi Line Comments

- Python does not really have a syntax for multi line comments.
- To add a multiline comment you could insert a # for each line:

```
In [5]: 1 #1st line
        2 #2nd line
        3 #3rd line
```

- You can add a multiline string (triple quotes) in your code, and place your comment inside it
- (Since Python will ignore string literals that are not assigned to a variable)



```
In [6]: 1  """1st line
        2  2nd line
        3  3rd line"""
```

```
Out[6]: '1st line\n2nd line\n3rd line'
```

```
In [7]: 1  """
        2  This is a comment
        3  written in
        4  more than just one line
        5  """
        6
        7  print("Hello, World!")
```

```
Hello, World!
```

"Data Science & AI"
by
Siva Rama Krishna