

## 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:

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

```
n [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

```
n [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:

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

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

```
In [2]: """This is a comment  
        written in  
        more than just one line"""  
  
        print("Hello World!")
```

```
Hello World!
```