

# Python Comments

---

Comments can be used to explain Python code.

Comments can be used to make the code more readable.

Comments can be used to prevent execution when testing code.

---

## Creating a Comment

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

### Example

```
#This is a comment
```

```
print("Hello, World!")
```

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

### Example

```
print("Hello, World!") #This is a comment
```

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

### Example

```
#print("Hello, World!")
```

```
print("Cheers, Mate!")
```

---

# 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:

## Example

```
#This is a comment

#written in

#more than just one line

print("Hello, World!")
```

Or, not quite as intended, you can use a multiline string.

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

## Example

```
"""

This is a comment

written in

more than just one line

"""

print("Hello, World!")
```

As long as the string is not assigned to a variable, Python will read the code, but then ignore it, and you have made a multiline comment.