Let us get an overview of strings in Python.

* Enclose Characters
* Dealing with single quotes in strings
* Multi-line strings
* Concatenating strings
* String Formatting - Old Style
* String Formatting - New Style

1. Which of the following is used to enclose a string in Python?

a) Double quotes

b) Single quotes

c) Triple quotes

d) All the above

Answer: d) All the above

1. What should you do if you want to use single quotes within a string enclosed by single quotes?

a) Use double quotes instead of single quotes

b) Use triple quotes instead of single quotes

c) Escape the single quotes using a backslash

d) Use the + operator to concatenate the string

Answer: c) Escape the single quotes using a backslash

1. Which of the following is used to create a multi-line string in Python?

a) Double quotes

b) Single quotes

c) Triple quotes

d) Both a and b

Answer: c) Triple quotes

4. How can you concatenate two strings in Python?

a) Using the & operator

b) Using the + operator

c) Using the - operator

d) Using the / operator

Answer: b) Using the + operator

5. What is the old-style way of formatting strings in Python?

a) Using the .format() method

b) Using % operator

c) Using f-strings

d) Using string interpolation

Answer: b) Using % operator

6. How can you format a string using the new-style formatting in Python?

a) Using the % operator

b) Using the .format() method

c) Using f-strings

d) Using string interpolation

Answer: b) Using the .format() method

7. Which of the following is an example of old-style string formatting?

a) "Hello, {}!".format(name)

b) "Hello, %s!" % name

c) "Hello, {name}!""

d) "Hello, $name!"

Answer: b) "Hello, %s!" % name

8. Which of the following is an example of new-style string formatting?

a) "Hello, {}!".format(name)

b) "Hello, %s!" % name

c) "Hello, {name}!""

d) "Hello, $name!"

Answer: a) "Hello, {}!".format(name)

9. Which of the following is used to repeat a string a certain number of times in Python?

a) \* operator

b) + operator

c) - operator

d) / operator

Answer: a) \* operator

10. Which of the following methods is used to convert a string to uppercase in Python?

a) upper()

b) lower()

c) swapcase()

d) title()

Answer: a) upper()