* Define String type Variables
* Getting type and help
* Using count to find occurrences
* Find for a character or substring from main string
* Dealing with case of string such as lower case and upper case
* String validate functions which start with is
* Check if the string is integer

1. What is a string in Python?

A. A data type used to represent text or sequence of characters

B. A data type used to represent numerical values

C. A data type used to represent Boolean values

D. A data type used to represent lists of items

Answer: A

2. How do you define a string variable in Python?

A. By enclosing the text in quotation marks, either single or double quotes

B. By using the keyword "string" followed by the text in parentheses

C. By using the keyword "text" followed by the text in parentheses

D. By using the keyword "char" followed by the text in parentheses

Answer: A

3. How do you get the type of a variable in Python?

A. By using the type() function

B. By using the typeof() function

C. By using the class() function

D. By using the var() function

Answer: A

4. How do you get help on a function in Python?

A. By using the help() function followed by the function name

B. By using the info() function followed by the function name

C. By using the doc() function followed by the function name

D. By using the get\_help() function followed by the function name

Answer: A

5. How do you count the number of occurrences of a character or substring in a string?

A. By using the count() method

B. By using the find() method

C. By using the index() method

D. By using the search() method

Answer: A

6. How do you find the index of the first occurrence of a character or substring in a string?

A. By using the count() method

B. By using the find() method

C. By using the index() method

D. By using the search() method

Answer: B

7. How do you convert a string to all uppercase letters?

A. By using the upper() method

B. By using the lower() method

C. By using the capitalize() method

D. By using the swapcase() method

Answer: A

8. How do you convert a string to all lowercase letters?

A. By using the upper() method

B. By using the lower() method

C. By using the capitalize() method

D. By using the swapcase() method

Answer: B

9. Which of the following string validation functions checks if all the characters in a string are alphabetic?

A. isalnum()

B. isalpha()

C. isdigit()

D. islower()

Answer: B

10. How do you check if a string can be converted to an integer?

A. By using the isinteger() method

B. By using the tointeger() method

C. By using the int() function inside a try-except block

D. By using the convert\_to\_integer() function

Answer: C