

1. What are escape characters, and how do you use them?

Ans: An escape character is a backslash \ followed by the character we insert.

Example ➔ `data = "We have enrolled in \"iNeuron's\" Full Stack Data Science class."`

2. What do the escape characters n and t stand for?

Ans: The escape characters n and t stand for **newline** and **tab** respectively. \n is a newline; \t is a tab.

3. What is the way to include backslash characters in a string?

Ans : The \ escape character will represent a backslash character.

4. The string "Howl's Moving Castle" is a correct value. Why isn't the single quote character in the word Howl's not escaped a problem?

Ans: The single quote in Howl's is fine because we have used double quotes to mark the beginning and end of the string.

5. How do you write a string of newlines if you don't want to use the n character?

Ans: Multiline strings allow us to use newlines in strings without the \n escape character.

6. What are the values of the given expressions?

'Hello, world!'[1] ➔ output : 'e'

'Hello, world!'[0:5] ➔ output : 'Hello'

'Hello, world!':[5] ➔ output : 'Hello'

'Hello, world!'[3:] ➔ output : 'lo,world!'

```
'Hello, world!'[1]
```

```
'e'
```

```
'Hello, world!'[0:5]
```

```
'Hello'
```

```
'Hello, world!':[5]
```

```
'Hello'
```

```
'Hello, world!'[3:]
```

```
'lo, world!'
```

7. What are the values of the following expressions?

'Hello'.upper() ➔ output :

'Hello'.upper().isupper()

'Hello'.upper().lower()

```
'Hello'.upper()
```

'HELLO'

```
'Hello'.upper().isupper()
```

True

```
'Hello'.upper().lower()
```

'hello'

8. What are the values of the following expressions?

'Remember, remember, the fifth of July.'.split()

'-'.join('There can only one.'.split())

Ans:

```
'Remember, remember, the fifth of July.'.split()
```

```
['Remember,', 'remember,', 'the', 'fifth', 'of', 'July.']
```

```
'-'.join('There can only one.'.split())
```

'There-can-only-one.'

9. What are the methods for right-justifying, left-justifying, and centering a string?

Ans: The `rjust()`, `ljust()`, and `center()` string methods, respectively are the methods for right-justifying, left-justifying, and centering a string

10. What is the best way to remove whitespace characters from the start or end?

Ans The `lstrip()` and `rstrip()` methods remove whitespace from the left and right ends of a string, respectively.: