

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

Sol: escape characters are special characters that are used to perform functions that cannot be coded easily. Example `\n \t`

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

Sol: `\n` new line and `\t` for tab

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

To include backslash in a string we use `\\`

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?

Sol: if we use `"` to enclose a string we can use `'` within the string and vice versa.

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

Sol: multiline string `"""` `"""` can be used

6. What are the values of the given expressions?

`'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()` `'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()`



Sol: ['Remember,' , 'remember,' , 'the' , 'fifth' , 'of' , 'july']

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

Sol: There-can-only-one

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

Sol: str.ljust(width, fillchr)

str.rjust(width, fillchr)

str.center(width, fillchr)

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

From start: str.lstrip()

From end: str.rstrip()

From both end: str.strip()

