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

ANSWER.

Escape characters are used to add special character in string without causing syntax error.

we use them by starting with ‘\’.

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

ANSWER.

\n: new line

\t: tab

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

ANSWER.

Use double backslash ‘\\’.

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?

ANSWER.

Because the string is starting with “ and ends with “, so there is no error.

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

ANSWER.

We can use triple quote string(“””---“”” or ‘’’---‘’’).

6. What are the values of the given expressions?

'Hello, world!'[1]

'Hello, world!'[0:5]

'Hello, world!'[:5]

'Hello, world!'[3:]

ANSWER.

'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'.upper().isupper()

'Hello'.upper().lower()

ANSWER.

'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())

ANSWER.

'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?

ANSWER.

We can use str.rjust(width, fillchar) for right-justifying. str.ljust(width, fillchar) for left-justifying and str.center(width, fillchar) for centering a string.

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

ANSWER.

Use ‘str.strip()’ if you want to remove whitespace from both start and end.

‘str.lstrip()’ if you want to remove whitespace from start.

‘str.rstrip()’ if you want to remove whitespace from end.