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

Ans. Escape characters represents characters in string values, by using backslash **\** followed by the character or strings you want to insert.

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

Ans. \n for new line and \t for tab.

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

Ans. \\ given escape character is used to include backslash characters in a string.

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 whole string is inside the double quotes so we have to use single quotes inside it which is correct method.

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

Ans. We can write it by the help of multiline strings which begin and end with three single or double quotes.

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()

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

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

Ans. 'There-can-only-one.'

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

Ans. The rjust(), ljust(), and center() are string methods used 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. Strip() method is used to remove whitespace characters from both ends. lstrip() and rstrip() is also used to remove whitespace from left end and right end.