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

Ans : the backslash "\" is a special character, also called the "escape" character. It is used in representing certain whitespace characters: "\t" is a tab, "\n" is a newline, and "\r" is a carriage return.

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

ANS : "\t" is a tab, "\n" is a newline

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

ANS : By using 2 slashes  : \\

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 : Because we have used string in double quotes “”, hence its ignoring single quote presence.

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

Ans: We can print strings without adding a new line with end = <character>

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()

-🡪 False

8. What are the values of the following expressions?

'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: This function center aligns the string according to the width specified and fills remaining space of line with blank space if ‘ fillchr ‘ argument is not passed.

This function left aligns the string according to the width specified and fills remaining space of line with blank space if ‘ fillchr ‘ argument is not passed.

This function right aligns the string according to the width specified and fills remaining space of line with blank space if ‘ fillchr ‘ argument is not passed.

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

Ans : We can used strip() method.