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

ANS. Escape character is a backslash \ followed by the character one wants to insert. They are used to include special characters in a string.

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

ANS. /n is for new line /t is for tab.

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

ANS. Two backslashes \\ are used.

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’ve used double quotes “ ” at the beginning and end of a string.

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

ANS. Through multiline string by using three 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. right-justifying = rjust( )

left-justifying = ljust( )

centering = center( )

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

ANS. start = lstrip( )

End = rstrip( ).