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

Ans: To insert characters that are illegal to use in string we use escape characters it can use as a ‘\’ backslash followed by character you want to insert.

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

Ans: n stand for new line & t stand for tab.

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

Ans: user can insert double backslash (\\) to use backslash in characters.

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 you have used double quote to mark the beginning and end of the string.

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

Ans: We can use multiple print statements to write a string in newline.

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’

Ans:

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()

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

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

'There-can-only-one.'

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

Ans: ljust(),rjust(),center()

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

Ans: string.strip()