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

Ans: An escape is a backslash \ followed by the characters you want to insert.

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

Ans: “\n” is a newline, “\t” is a tab.

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

Ans: Use the syntax “\\” within the string literal to represent a single 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?

Ans: Because the string is enclosed in double quotes.

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

Ans: We need to use \n

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: str.ljust() – for left alignment

str.rjust() – for right alignment

str.center() – for center alignment

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

Ans: For removing whitespace characters from starting we can use trimStart() and from ending we can use trinEnd().