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

Answer: Escape characters are used to insert characters that are illegal in a string. A ‘\’ followed by a character is used to get the specific results.

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

Answer: \n stands for new line and \t stands for tab character.

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

Answer: \\ is used to include backslash character

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?

Answer: It’s because there are double quotes in start and end of the string.

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

Answer: Using linesep from the os package for 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!’

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())

Answer: 'Remember,’ , 'Remember’, ‘the’ , ‘fifth’ , ‘of’ , ‘July.’

‘There-can-only-one.’

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

Answer: right-justify -> string.rjust()

left-justify -> string.ljust()

centering a string -> string.center()

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

Answer: .strip()

.rstrip() or .lstrip()