Assignment_6

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

Sol:**An escape sequence is a sequence of characters that, when used inside a character or string, does not represent itself but is converted into another character or series of characters that may be difficult or impossible to express directly like newline (\n), tab (\t), and so on.**

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

Sol:**newline (\n), tab (\t)**

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

4. The string "Howl's Moving Castle" is the correct value. Why isn't the single quote character in the
word Howl's not escaped a problem?

Sol:**The single quote in Howl's is fine because you've used double quotes 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?

Sol:**Multiline strings allow you to use newlines in strings without the \n escape character. ```**

6. What are the values of the given expressions?
'Hello, world!'[1]
'Hello, world!'[0:5]
'Hello, world!'[:5]
'Hello, world!'[3:]

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Sol:
    >> 'e'
    >>'Hello'
    >> 'Hello'
    >>'lo world!
```

7. What are the values of the following expressions?
'Hello'.upper()
'Hello'.upper().isupper()
'Hello'.upper().lower()

Sol:
    >>'HELLO'
    >>True
    >>'hello'

8. What are the values of the following expressions?
                    'Remember, remember, the fifth of July.'.split()
                    '-'.join('There can only one.'.split())

Sol:'Remember, remember, the fifth of November.'.split()

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

Sol: The rjust(), ljust(), and center() string methods, respectively

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

Sol:The lstrip() and rstrip() methods remove whitespace from the left and right ends of a string, respectively.