1. What are escape characters, and how do you use them?  
escape character are those which are illegal character in string.used to add backlash(\) before them.

2. What do the escape characters n and t stand for?  
\n is used for new line  
\t is used for tab

3. What is the way to include backslash characters in a string?  
enclosed the backlash in single quote i.e. ‘\’

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?  
because we used double quote to enclosed this string

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

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,word!’

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()   
-🡪 ['Remember,', 'remember,', 'the', 'fifth', 'of', 'July.']

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

9. What are the methods for right-justifying, left-justifying, and centering a string?  
ljust(), rjust(), center()

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