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

‘\’ is a special character used in string for representing certain whitespaces like new line \n and new tab \t.

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

\n stands for newline, \t stands for new tab.

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

\\ is used for 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?

As we are using the double quotes in the statement it causes no problem for a single quote in the statement.

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

We can use end=<character> argument to separate the line.

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()

Converts the following string to upper cases. ‘HELLO’.

'Hello'.upper().isupper()

Converts the following string to upper cases and checks whether the sting is upper or not. TRUE.

'Hello'.upper().lower()

First converts the string to uppercases and again converts the string to lower cases. ‘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?

rjust(), ljust() and center() are string methods.

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

lstrip() and rstrip() are characters for removing the whitespace from start and end.