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

**Ans:** to insert characters that are in string we use escape characters. An example of illegal character is any word or sentence in a string that is itself surrounded by double quotes.

e.g. “this school has “xyz” as a principle”

to correct this, we can use escape character \ like below:

“this school has \“xyz\” as a principle”

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

**Ans:** n is for new line and t is for tab.

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

**Ans:** \\

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:** since complete string is in double quotes and Howl’s is having single quote. Problem will appear if complete string is in double quotes and it contains double quotes in any word or if complete string is in single quote and any word is having single quote.

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

**Ans:** we can surround complete string between three double quotes. E.g. below:

s="""this is

an example

of multiline

string"""

6. What are the values of the given expressions?

'Hello, world!'[1]

'Hello, world!'[0:5]

'Hello, world!'[:5]

'Hello, world!'[3:]

**Ans:**

‘e’

‘Hello’

‘Hello’

'lo, world!'

7. What are the values of the following expressions?

'Hello'.upper()

'Hello'.upper().isupper()

'Hello'.upper().lower()

**Ans:**

'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())

**Ans:**

['Remember,', 'remember,', 'the', 'fifth', 'of', 'July.']

'There-can-only-one.'

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

**Ans:** rjust, ljust, center

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

**Ans:** using strip() function will remove whitespaces from both start and end, however if need to want remove either from start or end, we can use lstrip() and rstrip() individually.