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

to use illegal strings like double quotes “ withi a string, we have to use escape characters otherwise we will get errors.

use escape characters by prefixingg backslash \

eg:

wrong : spam = “today is “Monday””

correct : spam = “today is \“Monday\””

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

\n newline

\t tab

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

use \\

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?

single quote inside double quote doesnt require escape character

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

using print() because print by default goes to next 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() = 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?

rjust(), ljust(), center()

usage: using fill character as #, by default it uses blankspace as fill character

spam.rjust(40, '#')

spam.ljust(40, '#')

spam.center(40, '#')

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

strip() - remove whitespace both at beginning and end

lstrip() - remove whitespace at beginning

rstrip() - remove whitespace at end