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

“\” is escape character. It is used as "\t" is a tab, "\n" for a newline, and "\r" for a carriage return in python coding as per requirement.

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

"\t" is a tab, "\n" for a newline

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

print('apple\torange') print('apple\norange')

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?

Here since we have double quotation mark clearly representing start and end of string hence a single quotation mark is not causing any trouble being in between the string.

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

a = 'Goods are great'

for i in a.split():

print(i)

6. What are the values of the given expressions?

'Hello, world!'[1]

'Hello, world!'[0:5]

'Hello, world!'[:5]

'Hello, world!'[3:]

e

Hello

Hello

lo, world!

7. What are the values of the following expressions?

'Hello'.upper()

'Hello'.upper().isupper()

'Hello'.upper().lower()

'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())

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

'There-can-only-one.'

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

lstr = "I love salad"

print(lstr.ljust(25, '-'))

print(lstr.rjust(25, '-'))

print(lstr.center(25, '-'))

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

lstr = "I love salad"

print(lstr.replace(" ",""))