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

ANS: To insert characters that are illegal in a string, use an escape character. An escape character is a backslash \ followed by the character you want to insert.

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

ANS: In Python strings, the backslash "\" is a special character, also called the "escape" character. It is used in representing certain whitespace characters: "\t" is a tab, "\n" is a newline.

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

ANS: Use the syntax "\\" within the string literal to represent a single backslash.

t="\\"  
print(t)



4. The string &quot;Howl&#39;s Moving Castle&quot; is a correct value. Why isn&#39;t the single quote character in the

word Howl&#39;s not escaped a problem?

ANS:

5. How do you write a string of newlines if you don&#39;t want to use the n character?

ANS:A string of newlines can be written by creting a new print statement for each line.

6. What are the values of the given expressions?

&#39;Hello, world!&#39;[1]

&#39;Hello, world!&#39;[0:5]

&#39;Hello, world!&#39;[:5]

&#39;Hello, world!&#39;[3:]

ANS:

a.e

b.Hello

c.Hello

d.lo , world!

7. What are the values of the following expressions?

&#39;Hello&#39;.upper()

&#39;Hello&#39;.upper().isupper()

&#39;Hello&#39;.upper().lower()

ANS:

1. HELLO
2. True
3. Hello

8. What are the values of the following expressions?

&#39;Remember, remember, the fifth of July.&#39;.split()

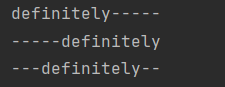
&#39;-&#39;.join(&#39;There can only one.&#39;.split())

ANS:

9. What are the methods for right-justifying, left-justifying, and centering a string?4

ANS:rjust(),ljust() and center()

str="definitely"  
print(str.ljust(15,'-'))  
print(str.rjust(15,'-'))  
print(str.center(15,'-'))



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

ANS: Trim() removes all whitespace from the beginning and end of a string.