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

Ans- To insert characters in a string. An escape character is a backslash \ followed by the character you want to insert.

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

Ans- It is used in representing certain whitespace characters: "\t" is a tab, "\n" is a newline, and "\r" is a carriage return.

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

Ans- variable string = “\\Tasks”

1. 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- The single quote in Howl's is fine because double quotes is used to mark the beginning and end of the string.

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

Ans- need to add an extra argument to print function that will tell the program that you don't want your next string to be on a new line.

6. What are the values of the given expressions?

'Hello, world!'[1]

'Hello, world!'[0:5]

'Hello, world!'[:5]

'Hello, world!'[3:]

Ans- The expressions evaluate to the following:  
  
'e'  
  
'Hello'  
  
'Hello'  
  
'lo world!

7. What are the values of the following expressions?

'Hello'.upper()

'Hello'.upper().isupper()

'Hello'.upper().lower()

Ans- The expressions evaluate to the following:  
  
'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- The expressions evaluate to the following:  
  
['Remember,', 'remember,', 'the', 'fifth', 'of', 'November.']  
  
'There-can-be-only-one.

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

Ans- rjust() , center() , or ljust()

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

Ans- strip()