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

***Ans****: to insert the character that is considered illegal in a string, we use escape character. We use backslash \ followed by the character you want to insert. eg., print (“I am the “vishal” the boss”) gives error but print (“I am the\”vishal\”the boss’’) will print fine.*

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

***Ans****: n stands for new line and t stands for tab*

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

***Ans:*** *s = “we are the \\ brothers”*

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****: we start the above string with double quotes and end the double string with same double quotes so there will no problem using the single quote in string.*

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

***Ans****: we can print the new string in separate new line using print function.*

6. What are the values of the given expressions?

***Ans****:*

*'Hello, world!'[1] => ‘e’*

*'Hello, world!'[0:5] => ‘Hello’*

*'Hello, world!'[:5] => ‘Hello’*

*'Hello, world!'[3:] => ’ lo, world!’*

1. What are the values of the following expressions?

**Ans**:

*'Hello'.upper() => ‘HELLO’*

*'Hello'.upper().isupper() => True*

*'Hello'.upper().lower() => ‘hello’*

1. What are the values of the following expressions?

**Ans**:

*'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?

***Ans****: center(), ljust() and rjust()*

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

***Ans****: use the strip() method for removing whitespace characters. Lstrip() and rstrip() are used for removing left side whitespaces and right side whitespaces respectively*.