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

**Solution**:the An escape characters is backslash \ followed by the character you want to insert : \n 🡺New line ; \t 🡺 Tab; \r carriage Return; \b 🡺 Backspace; \’ single quote; \” double quote;

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

**Solution**: The escape characters \n stand for next line and \t stands for Tab.

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

**Solution**: the way to include backslash character in a string is we need to use two backslash or use @ verbatim string

Ex: s = “\\anand”

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?

**Solution**: the system itself knows that from starting double quote to ending double quotes is string, If we use the single quotes then it can’t understand the ending of the string. So that’s the reason it won’t show any error.

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

**Solution**: by using multiple print statements.

Ex: print("this is anand" )

print("you have a good news")

6. What are the values of the given expressions?

**Solution**:

'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?

**Solution**:

'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()

'-'.join('There can only one.'.split())

**Solution**: '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?

Solution: The methods for right- justifying 🡺 rjust()

Left- justifying 🡺 ljust()

Centering a string 🡺 center()

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

**Solution**: By using the strip were left strip 🡺 lstrip() and right strip 🡺 rstrip() , by using this keyword we can remove whitespace from the start and end.