

**Deadline- 20<sup>th</sup> Jan 2k24**

1. What are escape characters, and how do you use them?
2. What do the escape characters n and t stand for?
3. What is the way to include backslash characters in a string?
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?
5. How do you write a string of newlines if you don't want to use the n character?
6. What are the values of the given expressions?

'Hello, world!'[1]

'Hello, world!'[0:5]

'Hello, world!':['5]

'Hello, world!'[3:]

7. What are the values of the following expressions?

'Hello'.upper()

'Hello'.upper().isupper()

'Hello'.upper().lower()

8. What are the values of the following expressions?

'Remember, remember, the fifth of July.'.split()

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

9. What are the methods for right-justifying, left-justifying, and centering a string?
10. What is the best way to remove whitespace characters from the start or end?

**Code for Fun:**

1. Given a string, the task is to reverse the order of the words in the given string.  
Ex- Input- "reverse the order of the words"  
Output- "words the of order the reverse"

2. Write a program to check whether string is rotated by two places(both anti-clockwise and clockwise).

Ex- Str1= "Abhiraj"

Str2="jaAbhir"

Output→ Yes

3. Write a program to get a single string from two given strings, separated by a space and swap the first two characters of each string.

Sample String : 'Abhi', 'Raj'

Expected Result : 'Raj Abhi'

4. Write a Python program to remove the  $n^{\text{th}}$  index character from a nonempty string.
5. Write a Python program to sort a string lexicographically.