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

**Ans escape are special character ie blackslash followed by object which you want to insert**

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

**Ans n is for newline and t is for tab**

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

**Ans we can use double slash**

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 Because hole line we have enclosed in double quotes so whatever is there in double quotes will get printed**

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

**Ans We can use blackslash in round bracket (\)**

6. What are the values of the given expressions?

'Hello, world!'[1]

'Hello, world!'[0:5]

'Hello, world!'[:5]

'Hello, world!'[3:]

**Ans 'Hello, world!'[1]------e**

**'Hello, world!'[1]------‘Hello’**

**'Hello, world!'[0:5]-----Hello**

**'Hello, world!'[3:]------- ‘lo world!**

7. What are the values of the following expressions?

'Hello'.upper()

'Hello'.upper().isupper()

'Hello'.upper().lower()

**Ans '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())

**Ans ['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(), ljust(), center()**

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

**Ans The lstrip() and rstrip()**