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?

1. Escape characters are special characters used to represent certain characters that cannot be easily typed or printed directly, such as quotes or backslashes, within a string. They are indicated by a backslash () followed by a character or a combination of characters.
2. The escape character "\n" stands for a newline, and the escape character "\t" stands for a tab.
3. To include a backslash character in a string, you need to use a double backslash (\).
4. The single quote character in the word "Howl's" is not a problem because the string is enclosed in double quotes. When a string is enclosed in double quotes, single quotes within the string do not need to be escaped.
5. You can use the ASCII code for a newline character, which is "\x0A".
6. The values of the given expressions are:
● 'e'
● 'Hello'
● 'Hello'
● 'lo, world!'
7. The values of the following expressions are:
● 'HELLO'
● True
● 'hello'
8. The values of the following expressions are:
● ['Remember,', 'remember,', 'the', 'fifth', 'of', 'July.']
● 'There-can-only-one.'
9. The methods for right-justifying, left-justifying, and centering a string are:

- Right-justifying: use the rjust() method.
- Left-justifying: use the ljust() method.
- Centering: use the center() method.
10. The best way to remove whitespace characters from the start or end of a string is to use the strip() method. The strip() method removes all leading and trailing whitespace characters (spaces, tabs, and newline characters) from a string.