

Practice Questions

Question 1: String Definition and Slicing

Create a string variable named `greeting` with the value "Hello, Shivam!". Print the first 5 characters and the last 5 characters of the string.

Question 2: String Length

Write a Python program that creates a string variable `sentence` with the value "Python programming is fun!". Use the `len()` function to print the length of the string.

Question 3: String Methods

Given a string `name` with the value "shivam", use string methods to:

1. Check if the string ends with "vam".
2. Count the occurrences of the letter "a".
3. Capitalize the first letter of the string.

Question 4: Find and Replace

Create a string variable `text` with the value "I love apples, apples are my favorite fruit.". Find the index of the first occurrence of the word "apples" and replace "apples" with "bananas".

Question 5: Escape Sequences

Write a Python program that prints the following text using escape sequences:

```
He said, "Python is awesome!"  
This is a new line.  
This is a tab:   .
```