

Task 1: Store and Display Names

Objective:

Write a program that:

1. Prompts the user to enter the names of 3 people.
2. Stores the names in an array.
3. Displays each name entered by the user.

Requirements:

- Use an array to store the names.
- Use a loop to take input for the names.
- Use a loop to display each name.

Sample Output:

```
Enter name for person 1: Alice
Enter name for person 2: Bob
Enter name for person 3: Charlie

Names Entered:
Person 1: Alice
Person 2: Bob
Person 3: Charlie
```

Task 2: Find a Character in a String

Objective:

Write a program that:

1. Prompts the user to enter a string.
2. Prompts the user to enter a character to search for.
3. Searches the string for the given character.
4. Displays the index (position) of the first occurrence of the character in the string, or a message indicating that the character was not found.

Requirements:

- Use a `string` to store the input.
- Use a loop or a string function to search for the character.
- Print the index of the first occurrence or a message indicating the character is not found.

Sample Output:

```
Enter a string: cs101lab
Enter a character to find: s

Character 'o' found at index 1.
```

Hint:

- Use `str.length()` where `str` is the variable name to get length of string to use in `for` loop