## **Assignment 1: Calculator Application**

## **Explanation:**

- ★ The program now starts with a welcoming message.
- ★ Designed a clean interface that prompts users to enter the first number, the desired operator (+, -, \*, or /), and the second number.
- ★ Error handling in the division operation, the program now checks for division by zero. If the user attempts to divide by zero, the program displays a clear error message.
- ★ The calculated result is displayed in a clear format.
- ★ The program ends with a thank you message.

## **Output:**

```
Welcome to the Calculator App!

Enter first number: 10

Enter an operator (+, -, *, /): +

Enter second number: 10

Result: 10.0 + 10.0 = 20.0

Thank you for using the Calculator App!
```