

Task 1: Simple Calculator (Using Switch and Arithmetic Expressions)

Description:

Build a calculator that takes two numbers and an operator as input from the user and performs the corresponding operation using a `switch` statement.

Requirements:

- Use `switch` to handle `+`, `-`, `*`, `/` operations
- Use `if-else` to check for division by zero
- Display the result of the operation

Task 2: Voting Eligibility Checker (If-Else + Logical Expressions)

Description:

Write a program that checks if a person is eligible to vote based on their age and nationality.

Requirements:

- Ask for age and nationality as input
- Use `if-else` to check:
 - Age must be 18 or older
 - Nationality must be "Zambian" (case-insensitive check optional)
- Use logical expressions (`&&` or `||`)

Task 3: Day Name Finder (Switch + While Loop)

Description:

Create a program that keeps asking the user to enter a number (1 to 7) and displays the day of the week using a `switch` statement. Repeat the process until the user enters 0.

Requirements:

- Use a `while` loop to continue prompting until 0 is entered
- Use a `switch` statement to print the correct day name
- Handle invalid numbers (e.g., 8, -1) using `default`