C++ Programming Assignment 4

# Question 1:

Write a C++ program to define a function that checks whether a person is eligible to vote. A person is eligible to vote if his/her age is greater than or equal to 18.

## Requirements:

1. The program should take the age of the person as input.  
2. Define a function that checks if the person's age is 18 or greater.  
3. The function should return whether the person is eligible to vote or not.

# Question 2:

Write a C++ program to create a calculator that takes two numbers and a mathematical operator (+,-,\*,/,^) as input from the user, and prints the result of the operation. The mathematical operations should be wrapped inside of functions.

## Requirements:

1. The program should prompt the user for two numbers and a math operator.  
2. Define functions for each basic mathematical operation (addition, subtraction, multiplication, division, and power).  
3. The program should print the result of the operation based on the operator provided.

# Question 3:

Write a C++ program that asks for two numbers, compares them, and shows the maximum. Declare a function called max\_two that compares the numbers and returns the maximum.

## Requirements:

1. The program should take two numbers as input from the user.  
2. Define a function named 'max\_two' that compares the two numbers and returns the maximum.  
3. The program should output the maximum of the two numbers.

**Submission Guidelines:**

1. Create a folder on your Google Drive for the assignment.
2. Take full-screen screenshots of each task, including both the complete code and the executed output from your system's IDE (online compiler screenshots are not valid).
3. Do not crop or edit the screenshots in any way to maintain clarity.
4. Upload the full-screen screenshots into the folder.
5. After uploading the screenshots, get the [shareable link](https://youtu.be/BbLmHRqHCAw) to the folder.
6. Submit the link to the assignment section.