2.Write a program that input two numbers in main (),passes these number to a function. The function display the maximum number.

Coding:

#include <iostream>

// Function declaration

void displayMax(int num1, int num2);

int main() {

int number1, number2;

// Input two numbers from the user

std::cout << “Enter the first number: “;

std::cin >> number1;

std::cout << “Enter the second number: “;

std::cin >> number2;

// Call the function to display the maximum number

displayMax(number1, number2);

return 0;

}

// Function definition

void displayMax(int num1, int num2) {

if (num1 > num2) {

std::cout << “The maximum number is: “ << num1 << std::endl;

} else if (num2 > num1) {

std::cout << “The maximum number is: “ << num2 << std::endl;

} else {

std::cout << “Both numbers are equal.” << std::endl;

}

}

