14.Write a program that input base and height of a triangle in main function and passes them to a function. The function finds the area of triangle and return it to main function where it display in the screen.

Coding:

#include <iostream>

// Function declaration

double calculateArea(double base, double height);

int main() {

double base, height;

// Input base and height of the triangle from the user

std::cout << “Enter the base of the triangle: “;

std::cin >> base;

std::cout << “Enter the height of the triangle: “;

std::cin >> height;

// Call the function to calculate the area

double area = calculateArea(base, height);

// Display the area

std::cout << “The area of the triangle is: “ << area << std::endl;

return 0;

}

// Function definition

double calculateArea(double base, double height) {

return 0.5 \* base \* height;

}

