Exercise 3: Odd or Even

#include <iostream>

using namespace std;

int main() {

int n;

cout << "Enter an integer: ";

cin >> n;

if ( n % 2 == 0)

cout << n << " is even.";

else

cout << n << " is odd.";

return 0;

}

Exercise 2: Area and Perimeter Calculator

#include <iostream>

using namespace std;

int main() {

double length, width, area, perimeter;

// Input

cout << "Enter the length of the triangle: ";

cin >> length;

cout << "Enter the width of the triangle: ";

cin >> width;

// Calculate area

area = length \* width;

//Calculate perimeter

perimeter = 2 \* (length + width);

// Output

std::cout << "The area of the rectangle is: " << area << endl;

std::cout <<”The perimeter of a rectangle is = “<<perimeter<<endl;

return 0;

}

Exercise 4: Age Difference

#include <iostream>

using namespace std;

int main() {

int age1, age2, age3;

cout<<”Enter the first age: ”;

cin>>age1;

cout<<”Enter the second age:”;

cin>>age2;

If (age1 >= age2) {

Age3 = age1 - age2;

} else {

Age3 = age2 - age1;

}

cout<<”The age difference is: “<<age3<<endl;

return 0;

}