//03-06 rounding

#include <iostream>

#include <cmath>

#include <conio.h>

using namespace std;

int roundmy(double number);

//Assumes number >= 0.

//Returns number rounded to the nearest integer.

int main( )

{

double doubleValue;

char ans;

do

{

cout << "Enter a double value: ";

cin >> doubleValue;

cout << "Rounded that number is " << roundmy(doubleValue) << endl;

cout << "Again? (y/n): ";

cin >> ans;

}while (ans == 'y' || ans == 'Y');

cout << "End of testing.\n";

\_getch();

return 0;

}

//Uses cmath:

int **roundmy**(double number)**//round exists in math**

{

return static\_cast<int>(**floor**(number + 0.5));

**//nearest whole <= number +05; ex: flor(2.5+0.5)=3;**

**// flor(2.4+0.5)=2**

}