#include <iostream>

using namespace std;

int main(void) {

bool answer;

int value;

cout << "Enter a value: ";

cin >> value;

answer = (value >= 0 && value < 10) || ((value \* 2) < 20 && (value - 2) > -2) || ((value - 1) > 1 && (value / 2) < 10) || (value == 111);

cout << (answer ? "THAT'S TRUE :)" : "THAT'S NOT TRUE :(") << endl;

return 0;

}

#include <iostream>

#include <iomanip>

using namespace std;

int main() {

float num1, num2, num3, num4, num5;

cout << "Enter five float numbers: ";

cin >> num1 >> num2 >> num3 >> num4 >> num5;

cout << "Output:" << endl;

cout << num1 << endl

<< fixed << setprecision(2) << num2 << endl // 2 знаки після коми

<< fixed << setprecision(6) << num3 << endl // 1 знак після коми

<< fixed << setprecision(2) << num4 << endl

<< fixed << setprecision(0) << num5 << endl;

return 0;

}

#include <iostream>

#include <cmath>

using namespace std;

int main() {

int num1, num2;

cout << "Enter two integers: ";

cin >> num1 >> num2;

float result1 = 1.0f / static\_cast<float>(num1);

float result2 = 1.0f / static\_cast<float>(num2);

const float epsilon = 0.000001;

if (fabs(result1 - result2) < epsilon) {

cout << "Results are equal (by 0.000001 epsilon)" << endl;

} else {

cout << "Results are not equal (by 0.000001 epsilon)" << endl;

}

return 0;

}

#include <iostream>

#include <string>

using namespace std;

int main() {

int num1, num2, num3, num4;

cout << "Enter four numbers (1-255): ";

cin >> num1 >> num2 >> num3 >> num4;

if ((num1 >= 1 && num1 <= 255) &&

(num2 >= 1 && num2 <= 255) &&

(num3 >= 1 && num3 <= 255) &&

(num4 >= 1 && num4 <= 255)) {

string ipAddress = to\_string(num1) + "." +

to\_string(num2) + "." +

to\_string(num3) + "." +

to\_string(num4);

cout << "IP Address: " << ipAddress << endl;

} else {

cout << "Error: Each number must be between 1 and 255." << endl;

}

return 0;

}