#include <iostream>

using namespace std;

// Function to divide two numbers

double divide(double a, double b) {

if (b == 0) {

throw "Division by zero!"; // throw exception (const char\*)

}

return a / b;

}

int main() {

double num1, num2;

cout << "Enter first number: ";

cin >> num1;

cout << "Enter second number: ";

cin >> num2;

try {

double result = divide(num1, num2);

cout << "Result = " << result << endl;

}

catch (const char\* msg) { // must match throw type

cout << "Error: " << msg << endl;

}

return 0;

}

**OUTPUT:**

Enter first number: 10

Enter second number: 2

Result = 5

Enter first number: 10

Enter second number: 0

Error: Division by zero!