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Assignment 12.b

#include<iostream>

#include<string>

using namespace std;

int division(int a, int b) {

int result;

try {

if (b == 0) {

throw "Exception : Division by zero is not allowed";

} else {

result = a / b;

cout << "The result of division is: " << result << endl;

}

} catch(const char\* e) {

cout << e << endl;

} catch(int x) {

cout << "Int exception occurred. Exception no: " << x << endl;

} catch(...) {

cout << "Caught an exception of unknown type." << endl;

}

return result;

}

int main() {

int a;

int b;

cout << "Enter the value of num one" << endl;

cin >> a;

cout << "Enter the value of num two" << endl;

cin >> b;

division(a, b);

return 0;

}

OUTPUT

Enter the value of num one

1

Enter the value of num two

0

Exception : Division by zero is not allowed