Lab №5.1.1

#include <iostream>

#include <string>

using namespace std;

class Person

{

public:

string name;

int age;

string lastName;

};

string FirstLastName(Person\* person)

{

return person->name + " " + person->lastName;

}

void print(Person\* person)

{

cout << FirstLastName(person) << " is " << person->age << " years old" << endl;

}

int main()

{

Person person;

person.name = "Harry";

person.age = 20;

person.lastName = "Harson";

cout << "Meet " << person.name << "\n";

print(&person);

return 0;

}

Lab №7.1.1

#include <iostream>

using namespace std;

int main(void)

{

int a = 8, b = 0, c = 0;

cout << "Enter the number: ";

cin >> b;

try

{

if (b == 0)

throw "Divide by zero";

c = a / b;

}

catch (...)

{

cout << "Your input is not valid, you can't divide by zero \n";

}

cout << c << endl;

return 0;

}

Lab №7.1.2

#include <iostream>

using namespace std;

int main(void)

{

int a = 0, b = 0, c = 0;

cout << "Enter divided: ";

cin >> a;

cout << "Enter divider: ";

cin >> b;

try

{

if (b == 0)

throw "You cannot divide by zero!";

c = a / b;

}

catch (const char\* msg)

{

cout << msg << endl;

}

cout << c << endl;

return 0;

}