**ДОДАТОК Б**

(Вихідний код TestDriver)

**… / TestDriver / main.cpp**

#include <iostream>

#include "ModulesStriuk.h"

using namespace std;

int main()

{

system("chcp 65001 & cls");

money m;

int workingHours\_1[5] {8, 8, 6, 1, 8};

int workingHours\_2[5] {0, 0, 0, 0, 0};

int workingHours\_3[5] {9, -9, 9, 9, 11};

m = salaryAndTaxesOutput(workingHours\_1);

if (m.salary\*100 == 124000 && m.fizosoba\*100 == 18600 &&

m.pensiya\*100 == 2480 && m.bezrob\*100 == 744 &&

m.pratsa\*100 == 1240 && m.completeSalary\*100 == 100936) {

cout << "Passed" << endl;

}

else { cout << "Failed" << endl;}

m = salaryAndTaxesOutput(workingHours\_2);

if (m.salary\*100 == 0 && m.fizosoba\*100 == 0 &&

m.pensiya\*100 == 0 && m.bezrob\*100 == 0 &&

m.pratsa\*100 == 0 && m.completeSalary\*100 == 0) {

cout << "Passed" << endl;

}

else { cout << "Failed" << endl;}

m = salaryAndTaxesOutput(workingHours\_3);

if (m.salary\*100 == 272000 && m.fizosoba\*100 == 40800 &&

m.pensiya\*100 == 5440 && m.bezrob\*100 == 1632 &&

m.pratsa\*100 == 2720 && m.completeSalary\*100 == 221408) {

cout << "Passed" << endl;

}

else { cout << "Failed" << endl;}

int socksSize[3] = {25, 27, 29};

cout << endl << endl << endl << endl;

for (int i = 0; i < 3; i ++) {

socks s = socksSizeStandart(socksSize[i]);

if (s.ukrSize == socksSize[i] && s.usSize == (socksSize[i] / 2) - 2 &&

s.esSize1 == socksSize[i] + 14 && s.esSize2 == socksSize[i] + 15) {

cout << "Passed" << endl;

}

else { cout << "Failed" << endl; }

cout << endl;

}

int numberEx[3] = {12, 678, 3938683};

int bitEx[3] = {2, 9, 13};

for (int i = 0; i < 3; i++) {

if (numberByteManipulation(numberEx[i]) == bitEx[i]) {

cout << "Passed" << endl;

}

else { cout << "Failed" << endl; }

}

getchar();

return 0;

}