Preston Knibbe

EECE1080C ~ Programming for ECE

Lab 1

9/3/15

PART A

Source Code

// Name: Preston Knibbe

// Laboratory 1: Introduction to C++ IDE

#include <iostream>

#include <cmath>

using namespace std;

int main()

{

double number1, number3, number2, average;

cout << "Enter Number 1:";

cin >> number1;

cout << "Enter Number 2:";

cin >> number2;

cout << "Enter Number 3:";

cin >> number3;

average = ((number1+number2+number3)/3);

cout << "Average is: ";

<< average;

<< endl;

return 0;

}

Output Results

Enter Number 1:23

Enter Number 2:2

Enter Number 3:4

Average is: 9.66667

Process returned 0 (0x0) execution time : 6.741 s

Press any key to continue.

///////////////////////////////////////////////////////

Enter Number 1:6

Enter Number 2:42

Enter Number 3:23

Average is: 23.6667

Process returned 0 (0x0) execution time : 11.343 s

Press any key to continue.

///////////////////////////////////////////////////////

Enter Number 1:99

Enter Number 2:50

Enter Number 3:45

Average is: 64.6667

Process returned 0 (0x0) execution time : 5.743 s

Press any key to continue.

PART B

Source Code

// Name: Preston Knibbe

// Laboratory 1: Introduction to C++ IDE

#include <iostream>

#include <cmath>

using namespace std;

int main()

{

double test1, test2, hw1, hw2, hw3, final1, average;

cout << "Enter Test 1 Grade:";

cin >> test1;

cout << "Enter Test 2 Grade:";

cin >> test2;

cout << "Enter Homework 1 Grade:";

cin >> hw1;

cout << "Enter Homework 2 Grade:";

cin >> hw2;

cout << "Enter Homework 3 Grade:";

cin >> hw3;

cout << "Enter Final Test Grade:";

cin >> final1;

double avg1 = (hw1 + hw2 + hw3) / 3;

average = ((avg1+test1+test2+final1)/4);

cout << "Average is: ";

<< average;

<< endl;

return 0;

}

Output Results

Enter Test 1 Grade:100

Enter Test 2 Grade:99

Enter Homework 1 Grade:60

Enter Homework 2 Grade:75

Enter Homework 3 Grade:70

Enter Final Test Grade:85

Average is: 88.0833

Process returned 0 (0x0) execution time : 21.953 s

Press any key to continue.

////////////////////////////////////////////////////////////

Enter Test 1 Grade:98

Enter Test 2 Grade:92

Enter Homework 1 Grade:90

Enter Homework 2 Grade:91

Enter Homework 3 Grade:28

Enter Final Test Grade:88

Average is: 86.9167

Process returned 0 (0x0) execution time : 19.133 s

Press any key to continue.

////////////////////////////////////////////////////////////

Enter Test 1 Grade:99

Enter Test 2 Grade:90

Enter Homework 1 Grade:89

Enter Homework 2 Grade:80

Enter Homework 3 Grade:81

Enter Final Test Grade:100

Average is: 93.0833

Process returned 0 (0x0) execution time : 16.080 s

Press any key to continue.