/\*velop a program that calculates the final scoreand the average score for a student from his / her(1)class participation, (2) test, (3) assignment, (4) exam, and (5) practice scores.

The user should enter the name of the studentand scores ranging from 0 to 100 for each grading item.

The final score is the sum of all grading items.

The average score is the average of all grading items.

Here is a sample output of the program :

Enter the Student's name: John Smith

Enter Class Participation Score ranging from 0 to 100 : 89

Enter Test Score ranging from 0 to 100 : 87

Enter Assignment Score ranging from 0 to 100 : 67

Enter Exam Score ranging from 0 to 100 : 99

Enter Practice Score ranging from 0 to 100 : 80

John Smith : Final Score : 422 Average Score : 84.4

Submit :

a flow chart or pseudo code in your Word document.

Word document(docx) remember to use your FirstInitialLastName\_CW 2.docx

C++ file(source code) : FirstInitialLastName\_CW2.cpp

\*/

#include <iostream>

#include <string>

using namespace std;

int main(

)

{

// variables

int classParticipation, testScore, assignmentScore, examScore, practiceScore, finalScore;

double averageScore;

string name;

//input block

cout << "Enter the Student's name:";

getline(cin, name);

cout << endl;

cout << "Enter Class Participation Score ranging from 0 to 100 : ";

cin >> classParticipation;

cout << endl;

cout << "Enter Test Score ranging from 0 to 100 : ";

cin >> testScore;

cout << endl;

cout << "Enter Assignment Score ranging from 0 to 100 : ";

cin >> assignmentScore;

cout << endl;

cout << "Enter Exam Score ranging from 0 to 100 : ";

cin >> examScore;

cout << endl;

cout << "Enter Practice Score ranging from 0 to 100 : ";

cin >> practiceScore;

cout << endl;

// calculations

finalScore = classParticipation + testScore + assignmentScore + examScore + practiceScore;

averageScore = (finalScore) / 5.;

cout << endl;

// output

cout << name << " Final Score : " << finalScore << endl;

cout << " Average Score : " << averageScore << endl;

system("pause");

return 0;

}



