

Class Assignment 2 Due: Jan. 21. 11:59 pm

You must create a data file for each of these programs and a reasonable set of data to adequately test the program. Each Program should contain at least 3 comments, including a comment at the top that includes your name, email address and a 1 line description of the program. Your program should be properly indented and follow a reasonable structure and use meaningful variable names.

filename: cs201ca02p1.cpp

This program reads in first name, last name and prints it back out. Add the code needed to read in first name, last name and hometown, and print them back out. (Note: In C++, cin uses a space to determine the end of a word, so place an _ in the name of a city that is two words, for example Baton_Rouge)

```
#include <iostream>
using namespace std;
main()
{
string fname, lname;

cin>>fname>>lname;

cout<<"First Name: "<<fname<<endl;
cout<<"Last Name: "<<lname<< endl;
}
```

Filename: cs201ca02p2.cpp

Write a program that will read in a persons first and last name and 4 test scores. Print out the persons name 4 test scores and the average. Your program should work for any number of lines of data.

Filename: cs201ca02p3.cpp

A team consist of 3 players. The total weight of a team must be less than 350 pounds. Read in the weight of 3 people, print out each person's weight and the total weight of the team and if the team weighs 350 pounds r less. Your program should work for any number of lines of data.

filename: cs201ca02p4.cpp

Our store wants to triple its price, but we do not want a price to be over 500. Read in a price and print out the price, the price tripled and if tripled the price is more than 500 or not. Your program should work for any number of lines of data.

Filename: cs201ca02p5.cpp

Write a program that will read in 8 numbers into an array. Print out the numbers from the array, then print the 2nd number, the 5th number and the last number.