**BCS 230 Lab – Sturct and Menu**

***Overview***

Write a program that uses a menu. Write another program that uses structs.

***Part 1***

Inside of main write code to display a menu and perform an action depending on what the user selects. You should keep displaying the menu until the user inputs a 3.

Menu

1 – Print the word Yankees

2 – Print the word Mets

3 – Exit

Enter choice:

Hint: You need a loop!!!

***Part 2***

Comment out (do not delete) code from Part I.

Define a struct named Address. The struct should be defined in a .h file. It should contain the following members:

* Number
* City
* State
* Zip

***Part 3***

Write a function called DisplayAddress. This function should take an Address struct as a parameter. The function should just display all member data of the passed-in value on screen.

In main you should do the following:

* Declare an instance of Address.
* Populate that instance with data for each member.
* Call DisplayAddress.

***Part 4***

Define a struct named Worder. The struct should be defined in a .h file. It should contain the following members:

* Name
* Salary
* HomeAddress (data type of this should be Address NOT string)

***Part 5***

Write a function called DisplayWorker. This function should take an Worker struct as a parameter. The function should just display all member data of the passed-in value on screen.

In main you should do the following:

* Declare an instance of Worker.
* Populate that instance with data for each member.
* Call DisplayWorker.

***Part 6***

Write a function called DisplayWorkerArray. This function should take a Worker array as a parameter. The function should just display all member data for each array element of the passed-in value on screen.

In main you should do the following:

* Declare an array of Worker.
* Populate that instance with data for each member.
* Call DisplayWorkerArray.

***Part 7***

Write a function called TotalSalary. This function should take a Worker array as a parameter. The function should add up all the salary figures for each element of the array and return it from the function.

In main you should do the following:

* Call TotalSalary.
* Print the total salary on screen.