For the following problem you do not need to turn in the three step analysis or the algorithm, but just submit the source code and output. You should of course do these steps anyway.

Homework #10 will be helpful in solving some of this problem.

Need to create a structure for a person, it will have two data members. One is the name and the other is the age. In the main declare an array, initially with no size, of type Person. Then will pass this array into a procedure that will have the user put data into it. You do not know how many people will be entered, so will need to make array larger as you add each person.

Then from main, call a display procedure to display the people and their age. See sample output below. Finally sort the array, using the bubble sort and then redisplay to show array has been sorted according to age.

Sample output:

Start to enter people Y/N--> y
Enter person Name --> Joe
Enter person age --> 24
Continue to enter people Y/N--> y
Enter person Name --> Matt
Enter person age --> 55
Continue to enter people Y/N--> y
Enter person Name --> Sue
Enter person age --> 12
Continue to enter people Y/N--> y
Enter person Name --> Mike
Enter person age --> 7
Continue to enter people Y/N--> Y
Enter person Name --> Sally
Enter person age --> 18
Continue to enter people Y/N--> n

Before sorted by Age
Joe   24
Matt  55
Sue   12
Mike  7
Sally 18

After sorted by Age
Mike  7
Sue   12
Sally 18
Joe   24
Matt  55