Arrays C# - Worksheet one

Set up an array of people’s names:

String [] peopleNames = new string[5];

PeopleNames[0] = “Joe”;

PeopleNames[1] = “Jill”;

PeopleNames[2] = “Bob”;

PeopleNames[3] = “Sam”;

PeopleNames[4] = “Fred”;

**Exercise one**

Using a form of selection and a menu system allow the user to select:

1. Output the contents of the array
2. Output the name of somebody if you type in the position number
3. Search for a name in the array

Hint:

1. Use a for loop to loop through every element of the array
2. Allow the user to enter a number into a variable, then output the array at this position
3. Accept the users input of a name. Use a for loop to go through each element to see if the name is present

**Exercise two**

Create a program to accept 10 exam marks from the user into an array, and output:

1. The lowest mark
2. The highest mark
3. The average mark

***Tip****: Store the contents of the first array location in a temp variable and then use a for loop. Comparing the numbers each time. If the new number is smaller than the last, then store that in the temp variable, replacing it.*