**CS 210** **Name_SOLUTION_____**
**Hour Exam 2** **October 18, 2016**
**Practical In Class**

Write a program containing the main program below and the function to go with it. The function will accept an integer array and three integer arguments called *min*, *max*, and *SIZE*. The function will return the number of items in the array that are greater than min and less than max.

For example, if the array contains {0,1, 2, 3, 4, 5, 6, 7, 8, 9} and *min* = 4 and *max* = 7, your function should return 2 since only two numbers are between 4 and 7.

```
#include<stdio.h>
int FindHowMany(int a[], int min, int max, int SIZE);
int main()
{
    int a[] = {1, 4, -5, 9, 7, 2, 5, -4, 3, 12};
    int SIZE = 10;
    int min = 3, max = 9;
    int k;
    k = FindHowMany(a, min, max, SIZE);
    printf("Number between %d and %d = %d\n", min, max, k);
    return 0;
}
int FindHowMany(int a[],int min,int max,int SIZE)
{
    int i, cnt = 0;
    for(i=0;i<SIZE;i++)
    {
       if(a[i] > min && a[i] < max)
          cnt++;
    }
    return cnt;
}
```