**Take-Home Quiz 6 (15 pts) – Arrays**

**NOTE: Please submit your hard copy solution in lab this week**

1. (7 pts) Write a function called find\_mean() that accepts an array of *integers* and the number of items in the array as parameters, and returns the *mean* or *average* of the items.

Int find\_mean(int list[], int size)

{

Int index = 0, mean = 0, passes = 1;

For (passes = 1; passes <= size – 1; ++passes)

{

For (index = 0; index <= size – 1, ++passes)

{

Mean += list[index];

}

}

Mean = mean / size;

Return mean;

}

1. (8 pts) Write a function called find\_min() that accepts an array of *integers* and the number of items in the array as parameters, and returns the smallest number in the array.

Int find\_min(int list[], int size)

{

Int index = 0, temp = 0, passes = 1;

For (passes = 1; passes <= size – 1; ++passes)

{

For (index = 0; index <= size – 1, ++passes)

{

If (list[index] > list[index+1])

{

Temp = list[index];

List[index] = list[index+1];

List[index+1] = temp;

}

}

}

Return list[0];

}