CSI 11 **Statistical data analysis with functions**

Use the program you did for HW13, and “convert” finding

```
(1) finding the smallest and the greatest test scores
(2) finding the average of the test scores
(3) finding the median of the test scores
(4) checking if a test score is present
(5) displaying all the test scores, ordered from smallest to
greatest
```

Into functions. Assume that each one of these functions gets a list of values as parameter/argument. Here are the functions drafts (with the names):

```
def sg(myList):
  """ returns the smallest and the greatest test scores """

def ave(myList):
  """ returns the average of the test scores """

def med(myList):
  """ returns the median of the test scores """

def isIn(myList,value):
  """ returns True if the value is in the list myList, and False otherwise """

def display(myList):
  """ displays all the test scores ordered from smallest to greatest"""
```

After you finish the definitions, adjust your program so that it makes use of the functions.