**2. Find the largest and the smallest element (25pt.)**

Write two methods that find the largest element in an array and the smallest element in an array of double values.

2-1. Prompt the user to enter 10 numbers. (These are the sample input numbers.)



1. This must be done in your ***main*** method. (1.5pt)
2. You must follow the print format above. (1pt)

2-1. Find the largest element.

1) Use the following header to find the largest element: (5pt)

* ***public static double max(double[] myArray)***

2) Invoke this method to return the maximum value. (5pt)

2-2. Find the smallest element.

1. Use the following header to find the smallest element: (5pt)

* ***public static double min(double[] myArray)***

1. Invoke this method to return the minimum value. (5pt)

2-3. Display the maximum and the minimum value together.



1. This must be done in your ***main*** method. (1.5pt)
2. You must follow the print format above. (1pt)