

```
import java.util.*;
import java.io.*;
import javax.swing.JOptionPane;
/**
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 * @Version     2-22-19
 * @Teacher     Coglianese
 * @Period      2
 *
 * Driver04 for Lab04
 */
public class Driver04
{
    //Instance variables
    private static Scanner infile;
    private static String filename;
    private static double sum, avg, max, min;
    private static int numItems, numTries;
    /**
     * Main executes according to Lab04
     *
     * @param  args    Leave blank
     */
    public static void main(String[] args)
    {
        do{
            try
            {
                filename = JOptionPane.showInputDialog("Enter filename");
                infile = new Scanner( new File(filename) );
                break;
            }
            catch(FileNotFoundException e)
            {
                numTries++;
                if(numTries==3){
                    JOptionPane.showMessageDialog(null, "Error: Tried 3 times.");
                    System.exit(0);
                }
                JOptionPane.showMessageDialog(null, "Error: File not found.");
            }
        }while(true);
        numItems=infile.nextInt();
        boolean init = true;
        while (infile.hasNextDouble()){
            double d = infile.nextDouble();
            sum += d;
        }
    }
}
```

```
        if (d>max){
            max = d;
        }
        if (d<min){
            min = d;
        }
        if (init){
            init=!init;
            max = d;
            min = d;
        }
    }
    avg = sum/numItems;
    System.out.print("Sum: " + sum + "\nAvg: " + avg + "\nMin: " + min +
"\nMax: " + max);
    }
}
```