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                     ÷
    Source
            History
Projects
        ...5 lines
                                                                                                                                                           package a8main;
    7
    8

☐ import javax.swing.JOptionPane;

/**...4 lines */
   10
   14
         public class Rainfall {
                 public static void fillArrayWithUserDetails(double[] arrayGiven) {
   15
      16
                     String userInputString;
   17
                     Double userMonthlyRainfallFigure;
                     for (int index = 0; index < arrayGiven.length; index++) {</pre>
   18
   19
                         userInputString = JOptionPane.showInputDialog("Please enter " +
                                 "rainfall amount for month " + (index + 1));
   20
   21
                     userMonthlyRainfallFigure= Double.parseDouble(userInputString);
   22
   23
                     while(userMonthlyRainfallFigure < 0) {</pre>
   24
                             userInputString = JOptionPane.showInputDialog("Please enter"
                            + "POSITIVE rainfall amount for month " + (index + 1));
   25
   26
                          userMonthlyRainfallFigure = Double.parseDouble(userInputString);
   27
                         userMonthlyRainfallFigure = Double.parseDouble(userInputString);
   28
   29
                         arrayGiven[index] = userMonthlyRainfallFigure;
   30
   31
   32
   33
                 public static void main(String[] args) {
   34
                     final int MONTHS_IN_A_YEAR = 12;
                     double[] rainfallAmount = new double[MONTHS_IN_A_YEAR];
   35
   36
                     String userOutputString;
   37
   38
                     fillArrayWithUserDetails(rainfallAmount);
   39
   40
                     A8main rainfallData = new A8main(rainfallAmount);
   41
   42
                     userOutputString = String.format("Total Rainfall:"
   43
                             + " %.2f\nAverage monthly" + "rainfall: " +
   44
                             "%.2f\nMonth with the most rain: %d\nMonth with" +
                             "least rain: %d",
   45
   46
                             rainfallData.getRainfallTotal(),
                             rainfallData netRainfallAverane()
```





