```java
/* Project 4
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*/
import java.io.*;
import java.util.*;
import java.text.DecimalFormat;

public class DowJonesIndex
{
  public static void main( String [] args ) throws IOException
  {


    //instantianting scanner for the file and decimal formats for ouput
    Scanner file = new Scanner( new File( "dja.txt" ) );
    DecimalFormat percent = new DecimalFormat( "0.0#%" );
    DecimalFormat money = new DecimalFormat( "$#.00" );


    //initializing variables to be used in calculations
    int counter = 1;
    int high = 0;
    double percentage = 0;
    double highestValue = Double.MIN_VALUE;
    String highestDay = "";
    double total = 0;
    double avg = 0;


    //while statement to read each variable found in file
    while ( file.hasNext( ))
    {


      //initializing variables that will be found in file
      String date = file.next( );
      double dja = file.nextDouble( );


      //calculating number of dja
      if (file.hasNext())
      {
         counter++;
      }


      //calulating values at/above 18355
      if ( dja >= 18355 )
      {
         high++;
         percentage = (double) high / counter;
      }


      //calculcating highest value
      if ( dja > highestValue )
      {
         highestValue = dja;
         highestDay = date;
      }


      //calculating average
      total += dja;
      avg = total / (double) counter;


    }

```

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70
71       System.out.println( "\nThere are " + counter + " closing values in the file.");
72       System.out.println( "\n" + percent.format (percentage)
73                                + " of the values in the file are at or above $18,355.");
74       System.out.println( "\nThe highest closing value was "
75                                + money.format(highestValue)
76                                + " and occured on " + highestDay + ".");
77       System.out.println( "\nThe average of all values is "
78                                + money.format (avg) + ".");
79
80
81    }
82 }
83
```