1 **import** java.util.Scanner;

2 **import** java.io.\*;

3 **import** java.text.NumberFormat;

4

5 **public** **class** EndOfFile

6 {

7 **public** **static** **void** main(String[] args) throws IOException

8 {

9 **double** balance = 1000.24;

10 **int** numOfDeposits;

11 **double** deposit, total, newBalance, averageDeposit;

12 NumberFormat us = NumberFormat.getCurrencyInstance();

13 File fileObject = **new** File("c:/data.txt");

14 Scanner fileIn = **new** Scanner(fileObject);

15

16 numOfDeposits = 0;

17 total = 0.0;

18

19 System.out.println("Your beginning balance is: " +

20 us.format(balance));

21 **while**(fileIn.hasNext()) **//more data to process**

22 {

23 deposit = fileIn.nextDouble();

24 total = total + deposit;

25 numOfDeposits++;

26 }

27 balance = balance + total;

28 averageDeposit = total / numOfDeposits;

29

30 System.out.println("The total of the " + numOfDeposits +

31 " deposits is " + us.format(total));

32 System.out.println("The average deposit was: " +

33 us.format(averageDeposit));

34 System.out.println("Your new balance is: " + us.format(balance)); 35 fileIn.close();

36 }

37 }

**Disk File Inputs**

20.10

30.20

40.30

**Program Outputs**

Your beginning balance was: $1,000.24

The total of the 3 deposits is $90.60

The average deposit was: $30.20

Your new balance is: $1,090.84

**Figure 5.15 The application EndOfFile, a set of file inputs and corresponding outputs.**