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1
2 // Create a program that will generate a CREATE TABLE
  statement based on inputs
3 // from the user.
4 //
5 // The program should ask for the name of the table and the
  details of each
6 // field. The program should allow any number of fields and
  will output the
7 // complete CREATE TABLE statement once the user has
  completed entering in the
8 // information.
9
10 import java.util.Scanner;
11 import java.util.function.DoubleToIntFunction;
12
13 public class Assignment1e {
14
15     public static void main(String[] args) {
16
17         //declaring variables
18         Scanner s = new Scanner(System.in);
19         String [] months = {"Jan", "Feb", "Mar", "Apr", "
May", "Jun", "Jul", "Aug", "Sep", "Oct", "Nov", "Dec"};
20         int [] numMarriages = {70,93,99,151,224,324,737,925
,729,483,128,175};
21         int roundedTo = 100; //number is rounded off to the
nearest hundreds
22         int determiningNum = 50; //variable to determine
how the number will be rounded off
23
24         for (int i=0; i<numMarriages.length; i++) {
25             //rounding each number to the nearest hundreds
26             int remainder = numMarriages[i] % roundedTo;
27             //determine if the remainder is greater than
determining number
28             if (remainder >= determiningNum) {
29                 numMarriages[i] += (roundedTo - remainder);
30             } else {
31                 numMarriages[i] -= remainder;
32             }
33             //displaying the specific month
34             System.out.print(months[i] + ": ");
35             //determining the number of asterisks
36             //each hundred is one asterisk
37             int numOfAsterisks = numMarriages[i] /

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37 roundedTo;
38         //displaying the asterisks
39         for (int i2=0; i2<numOfAsterisks; i2++){
40             System.out.print("*");
41         }
42         System.out.println();
43     }
44
45 }
46
47 }
48
```