```
1  /**
2   * Chop up a Social Security number, add up all the numeric pieces, and o
   utput the total.  12-12-12 would result in an output of 36
3   * This lab was designed to teach you more about the String class and how
    if statements are used
4   * @author Aryan Gupta
5   * @version 1.0, 10/14/2015
6   */
7  import static java.lang.System.*;
8
9  public class Social
10 {
11     // two instance variables: 1 string, 1 int
12     private String SSString;
13     private int addedSS;
14
15     // default constructor
16     public Social ()
17     {
18         SSString = "";
19         addedSS = 0;
20     }
21
22     // loaded constructor
23     public Social (String SSNum)
24     {
25         setWord(SSNum);
26     }
27
28     // method to setWord
29     public void setWord (String SSNum)
30     {
31         SSString = SSNum;
32     }
33
34     // method to chopAndAdd
35     public void chopAndAdd()
36     {
37         int firstSet;
38         int secondSet;
39         int thirdSet;
40         String SSNum = SSString;
41
42         firstSet = Integer.parseInt( SSNum.substring(0,SSNum.indexOf("-")
    ) ); //casts the first set of integers in the string to var first
43         SSNum = SSNum.substring(SSNum.indexOf("-") + 1); //removes the fi
   rst set of numbers and the "-" from the original string
44
45         secondSet = Integer.parseInt( SSNum.substring(0,SSNum.indexOf("-"
```

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45  )) );
46          SSNum = SSNum.substring(SSNum.indexOf("-") + 1);
47
48          thirdSet = Integer.parseInt( SSNum.substring(0) );
49
50          addedSS = (firstSet + secondSet + thirdSet);
51      }
52
53      // method toString
54      public String toString()
55      {
56          return ("SS# " + SSString + " has a total of " + addedSS);
57      }
58  }
59
```