

```
1 import java.util.Scanner;
2 public class StringActivity {
3     public static void main(String[] args){
4         Scanner scan = new Scanner(System.in);
5
6         System.out.print("Please enter a phrase: ");
7         String phrase = scan.nextLine();
8
9         System.out.print("What character number do
you want: ");
10        int charNum = scan.nextInt();
11        System.out.print("Character " + charNum + "
is: " + phrase.substring((charNum - 1), charNum) + "\n");
12
13        System.out.print("Please enter another phrase
: ");
14        scan.nextLine();
15        String phraseSecond = scan.nextLine();
16
17        System.out.print("Comparing the two strings
: " + phrase.compareTo(phraseSecond) + "\n");
18
19        String combined = phrase.concat(phraseSecond
);
20        System.out.print("Concatinating the two
strings: " + combined + "\n");
21
22        String phraseUpper = phrase.toUpperCase();
23        String phraseSecondUpper = phraseSecond.
toUpperCase();
24        System.out.print("Are the two strings equal (
case sensitive): " + phrase.equals(phraseSecond) + "\n");
25        System.out.print("Are the two strings equal (
not case sensitive): " + phraseUpper.equals(
phraseSecondUpper) + "\n");
26
27        System.out.print("What letter are you looking
for in the first phrase: ");
28        String letter = scan.nextLine();
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29         System.out.print(letter + " first occurs at
      : " + phrase.indexOf(letter) + "\n");
30
31         System.out.print("What letter do you want
      replaced with the letter x: ");
32         String replacement = scan.nextLine();
33         System.out.print("The new string is: " +
      phrase.replace(replacement, "x") + "\n");
34
35         System.out.print("What substring do you want
      (put a space and comma between the number): ");
36         String x = scan.nextLine();
37         String x1 = x.substring(0, 1);
38         String x2 = x.substring(3);
39         int z = Integer.parseInt(x1);
40         int z2 = Integer.parseInt(x2);
41         System.out.print(z2);
42         System.out.print("Substring returned: " +
      phrase.substring(z, z2) + "\n");
43
44         System.out.print("Starting at what number do
      you want to start a substring that goes to the end: "
      );
45         int y = scan.nextInt();
46         System.out.print(phrase.substring(y) + "\n");
47
48         System.out.print(phraseUpper + "\n");
49         System.out.print(phraseUpper.toLowerCase() +
      "\n");
50
51
52
53
54     }
55 }
56
```