

## Answer on Question #47578, Programming, Java | JSP | JSF

### Problem.

Write a program to let user enter a sequence of numbers, then the program will find the longest palindromic substring, and visualize it using ascii characters. .

### Solution.

#### Code

```
import java.util.Scanner;

public class Main {

    public static void main(String[] args) {
        // Input
        Scanner s = new Scanner(System.in);
        String input = s.nextLine();

        String maxString = "";

        // Find the largest palindromic substring
        for (int i = 0; i < input.length(); i++) {
            for (int j = i; j < input.length(); j++) {
                String subString = input.substring(i, j);
                if (subString.equals(new
StringBuildersubString).reverse().toString())) {
                    if (maxString.length() < subString.length()) {
                        maxString = subString;
                    }
                }
            }
        }

        // Output
        System.out.println(maxString);
    }
}
```

#### Result

```
1234121214121223457
212141212
```