EXPERIMENT – 3.1

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Branch: CSE Section/Group: 20BCS-WM-607 (A)

Semester: 5th Subject Code: 20CSP - 321

Subject Name: Project Based Learning in Java

PROBLEM STATEMENT:

Question: Given a string, S, find its largest palindromic substring.

$\underline{\text{CODE}}$:

```
int max_length = 0, curr_length;
    if (curr_length > max_length) {
    max_length = curr_length;
    curr_length = curr_str.length();
    if (curr_length > max_length) {
    max_length = curr_length;
         max_str = curr str;
System.out.println("\nThis worksheet belongs to Anjali Singh\n");
System.out.println("The largest palindromic substring of the given input " + str + "
         + LargestPalindromicSubstring(str, str.length() - 1));
```

OUTPUT:



LEARNING OUTCOMES:

- 1. Learnt about different operations.
- 2. Learnt about Strings.