

# Rajalakshmi Engineering College

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## 2024\_28\_III\_OOPS Using Java Lab

### 2028\_REC\_OOPS using Java\_Week 12\_Q3

Attempt : 1  
Total Mark : 10  
Marks Obtained : 0

#### Section 1 : Coding

##### 1. Problem Statement

In the mystical realm of programming, there exists a magical incantation to reveal hidden words.

Elara, the skilled enchantress, wishes to summon a word using her spell and then reverse its characters to uncover its enchanted reflection.

Write a program that uses the predefined functional interface `Supplier<String>` and a lambda expression to:

Supply (generate) a string, and

Display its reversed form.

***Input Format***

No input is required from the user.

The string must be supplied internally using a Supplier<String>.

### ***Output Format***

Print the reversed version of the supplied string.

Refer to the sample output for formatting specifications.

### ***Sample Test Case***

Input: Wizard!!

Output: !!draziW

### ***Answer***

// You are using Java

```
import java.util.function.Supplier;
```

```
public class Main {  
    public static void main(String[] args) {  
        Supplier<String> supplyString = () -> "Enchanted"; // Change the string here  
if needed  
        String original = supplyString.get();  
        String reversed = new StringBuilder(original).reverse().toString();  
        System.out.println(reversed);  
    }  
}
```

**Status : Wrong**

**Marks : 0/10**