Rajalakshmi Engineering College

Name: SNEHAN S
Email: 241801272@rajalakshmi.edu.in
Roll no: 241801272
Phone: 8667839431
Branch: REC
Department: AI & DS - Section 4
Batch: 2028
Degree: B.E - AI & DS

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

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

class MagicWord {
    public static void revealReversedWord() {
        Supplier<String> wordSupplier = () -> "Enchanted"; // supply your string here

        String original = wordSupplier.get();
        String reversed = new StringBuilder(original).reverse().toString();

        System.out.println(reversed);
    }
}
public class Main {
    public static void main(String[] args) {
        MagicWord.revealReversedWord();
    }
}
```

Status : Wrong   *Marks : 0/10*