# Rajalakshmi Engineering College

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## 2024_28_III_OOPS Using Java Lab

### 2028_REC_OOPS using Java_Week 1_Q3

Attempt : 2
Total Mark : 10
Marks Obtained : 10

## Section 1 : Coding

1. Problem statement

Manoj, a developer at MoneyMatters Inc., is working on improving the company's financial system. He needs to create a program that takes an integer input, converts it into a double, and displays both the original integer and the converted double value.

*Input Format*

The input consists of a single integer representing a monetary amount.

*Output Format*

The first line of the output displays the "Original Integer: ", followed by an integer representation of the input value.

The second line displays the "Converted Double: ", followed by a double value representing the input as a decimal value.

Refer to the sample output for the formatting specifications.

*Sample Test Case*

Input: 20
Output: Original Integer: 20
Converted Double: 20.0

*Answer*

```java
import java.util.Scanner;

public class Main {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        // Read the integer input
        int amount = scanner.nextInt();

        // Convert to double
        double converted = (double) amount;

        // Display the result in the specified format
        System.out.println("Original Integer: " + amount + " Converted Double: " +
converted);

        scanner.close();
    }
}
```

*Status :* Correct                                           *Marks : 10/10*