

# Rajalakshmi Engineering College

Name: Jathin Chowdary CH  
Email: 240701209@rajalakshmi.edu.in  
Roll no: 240701209  
Phone: 8939767767  
Branch: REC  
Department: CSE - Section 10  
Batch: 2028  
Degree: B.E - CSE

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

### 2028\_REC\_OOPS using Java\_Week 1\_Q3

Attempt : 1  
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**

```
// You are using Java
import java.util.Scanner;

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

        System.out.println("Original Integer: " + monetaryAmount);
        System.out.println("Converted Double: " + convertedAmount);

        scanner.close();
    }
}
```

**Status :** Correct

**Marks :** 10/10