

# Rajalakshmi Engineering College

Name: Shakti Saravanan R  
Email: 240701486@rajalakshmi.edu.in  
Roll no: 2116240701486  
Phone: 9962332452  
Branch: REC  
Department: CSE - Section 5  
Batch: 2028  
Degree: B.E - CSE

Scan to verify results



## 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**

```
import java.util.*;
class Main
{
    public static void main(String args[])
    {
        Scanner sc = new Scanner(System.in);
        int a=sc.nextInt();
        double b=a;
        System.out.printf("Original Integer: %d\nConverted Double: %.1f",a,b);
    }
}
```

**Status :** Correct

**Marks :** 10/10