

# Rajalakshmi Engineering College

Name: Ishwarya L  
Email: 241801098@rajalakshmi.edu.in  
Roll no: 241801098  
Phone: 7094493654  
Branch: REC  
Department: AI & DS - Section 5  
Batch: 2028  
Degree: B.E - AI & DS

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***

```
// You are using Java
import java.util.Scanner;
class Main
{
    public static void main(String[] args)
    {
        int a;
        double b;
        Scanner sc=new Scanner(System.in);
        a=sc.nextInt();
        b=(double)a;
        System.out.println("Original Integer: "+a);
        System.out.println("Converted Double: "+b);
    }
}
```

**Status : Correct**

**Marks : 10/10**