

# Rajalakshmi Engineering College

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Branch: REC

Department: AI & ML - Section 1

Batch: 2028

Degree: B.E - AI & ML

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

***Status : Correct***

***Marks : 10/10***