

Rajalakshmi Engineering College

Name: NITHYASHREE K

Email: 240701369@rajalakshmi.edu.in

Roll no: 240701369

Phone: 9043544115

Branch: REC

Department: CSE - Section 5

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 sc = new Scanner(System.in);
        int a = sc.nextInt();
        double b=a;
        System.out.printf("Original Integer: %d\n",a);
        System.out.printf("Converted Double: %.1f",b);
```

```
}
```

Status : Correct

Marks : 10/10