

Rajalakshmi Engineering College

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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

```
import java.util.Scanner;
class typecast{
    public static void main(String args[])
    {
        Scanner scan=new Scanner(System.in);
        int n1=scan.nextInt();
        double n2=(double)n1;
        System.out.printf("Original Integer:%d\n", n1);
        System.out.printf("Converted Double:%.1f",n2);
    }
}
```

Status : Correct

Marks : 10/10