**DAILY ASSESSMENT FORMAT**

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| **Date:** | **11-06-2020** | **Name:** | **Yalpi Nandika** |
| **Course:** | **Java Coding Challenge** | **USN:** | **4AL17EC096** |
| **Topic:** | 1. **Add,Sub,Mul,Div,Mod.** 2. **Checking a num even or odd.** 3. **Area of Circle.** | **Semester & Section:** | **6th sem B sec** |
| **Github Repository:** | **Yalpi-Online-Courses** |  |  |

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| **TODAY SESSION DETAILS** |
| **Image of session:**  **Add, Sub, Mul, Div, Mod**  **>> Write down a program that will take two integers as input and will print equivalent**  **>> Addition, subtraction, multiplication, division and modulus**  **## Test Case ##**  **input: 6 3 output: Sum: 9 Sub: 3 Mul: 18 Div: 2 Mod: 0**  **input: 9 2 output: Sum: 11 Sub: 7 Mul: 18 Div: 4 Mod: 1**  **package com.techbarik;**  **import java.util.Scanner;**  **public class Main {**  **public static void main(String[] args) {**  **Scanner scanner = new Scanner(System.in);**  **int n1, n2;**  **System.out.println("Enter two integers:");**  **n1 = scanner.nextInt();**  **n2 = scanner.nextInt();**  **int add = n1 + n2;**  **int sub = n1 - n2;**  **int mul = n1 \* n2;**  **int div = n1 / n2;**  **int mod = n1 % n2;**  **System.out.println("Add=" + add + " Sub=" + sub + " Mul=" + mul + " Div=" + div + " Mod=" + mod);**  **}**  **}** |
| **Checking a number even or odd:**  **/\***  **Title: Checking a number even or odd**  **>> Write down a program that will take an integers as input and will check the given number is even or odd**  **## Test Case ##**  **input: 6 output: even**  **input: 7 output: odd**  **\*/**  **package com.techbarik;**  **import java.util.Scanner;**  **public class Main {**  **public static void main(String[] args) {**  **Scanner scanner = new Scanner(System.in);**  **int num;**  **System.out.println("Enter an integer:");**  **num = scanner.nextInt();**  **if(num%2==0) {**  **System.out.println("Even");**  **}**  **if(num%2==1) {**  **System.out.println("Odd");**  **}**  **}**  **}**  **Area Of Circle:**  **/\***  **Title: Find area of a circle**  **>> Write down a program that will take radius of a circle and calculate area of the circle**  **## Test Case ##**  **input: 6.2 output: 120.763**  **input: 7.5 output: 176.715**  **\*/**  **package com.techbarik;**  **import java.util.Scanner;**  **public class Main {**  **public static void main(String[] args) {**  **Scanner scanner = new Scanner(System.in);**  **System.out.println("Enter radius of circle:");**  **float radius = scanner.nextFloat();**  **double area = 3.1416 \* radius \* radius;**  **System.out.printf("%.3f", area);**  **}**  **}** |