JAVA-WEEK-01

Welcome | LargestOfThree.java

LargestOfThree.java > LargestOfThree > main(String[] args)

```java
import java.util.Scanner;

class LargestOfThree {
    Run main | Debug main
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);

        int a, b, c;
        System.out.print("Enter three numbers: ");
        a = sc.nextInt();
        b = sc.nextInt();
        c = sc.nextInt();

        if (a >= b && a >= c)
            System.out.println("Largest = " + a);
        else if (b >= a && b >= c)
            System.out.println("Largest = " + b);
        else
            System.out.println("Largest = " + c);
    }
}

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS C:\Users\Nagendra\Desktop\SHIRISHA B R> javac LargestOfThree.java
PS C:\Users\Nagendra\Desktop\SHIRISHA B R> java LargestOfThree
Enter three numbers: 2 5 7
Largest = 7
PS C:\Users\Nagendra\Desktop\SHIRISHA B R>
```

Welcome | Calculator.java 1

Calculator.java > Calculator > main(String[] args)

```java
import java.util.Scanner;

class Calculator {
    Run main | Debug main
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);

        int a, b, choice;
        System.out.print("Enter two numbers: ");
        a = sc.nextInt();
        b = sc.nextInt();

        System.out.println("1.Add  2.Subtract  3.Multiply  4.Divide");
        System.out.print("Enter choice: ");
        choice = sc.nextInt();

        switch (choice) {
            case 1: System.out.println("Result = " + (a + b)); break;
            case 2: System.out.println("Result = " + (a - b)); break;
            case 3: System.out.println("Result = " + (a * b)); break;
            case 4: System.out.println("Result = " + (a / b)); break;
            default: System.out.println("Invalid Choice");
        }
    }
}
```

PROBLEMS 1 | OUTPUT | DEBUG CONSOLE | TERMINAL | PORTS

```
PS C:\Users\Nagendra\Desktop\SHIRISHA B R> java Calculator
Enter two numbers: 30 50
1.Add  2.Subtract  3.Multiply  4.Divide
Enter choice: 1
Result = 80
PS C:\Users\Nagendra\Desktop\SHIRISHA B R>
```

Palindrome.java | SumOfTwoPrimes.java

Palindrome.java > ...

```java
import java.util.Scanner;

class Palindrome {
    Run main | Debug main
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);

        int n, rev = 0, temp;
        System.out.print("Enter a number: ");
        n = sc.nextInt();

        temp = n;
        while (n != 0) {
            rev = rev * 10 + n % 10;
            n = n / 10;
        }

        if (temp == rev)
            System.out.println("Palindrome Number");
        else
            System.out.println("Not a Palindrome Number");
    }
}

```

PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS C:\Users\Nagendra\Desktop\SHIRISHA B R> javac SumOfTwoPrimes.java
PS C:\Users\Nagendra\Desktop\SHIRISHA B R> java SumOfTwoPrimes
Enter a number: 30
30 = 7 + 23
30 = 11 + 19
30 = 13 + 17
PS C:\Users\Nagendra\Desktop\SHIRISHA B R>
```

Welcome | Palindrome.java

Palindrome.java > ...

```java
import java.util.Scanner;

class Palindrome {
    Run main | Debug main
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);

        int n, rev = 0, temp;
        System.out.print("Enter a number: ");
        n = sc.nextInt();

        temp = n;
        while (n != 0) {
            rev = rev * 10 + n % 10;
            n = n / 10;
        }

        if (temp == rev)
            System.out.println("Palindrome Number");
        else
            System.out.println("Not a Palindrome Number");
    }
}

```

PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS C:\Users\Nagendra\Desktop\SHIRISHA B R> javac Palindrome.java
PS C:\Users\Nagendra\Desktop\SHIRISHA B R> java Palindrome
Enter a number: 10
Not a Palindrome Number
PS C:\Users\Nagendra\Desktop\SHIRISHA B R> java Palindrome
Enter a number: 4
Palindrome Number
PS C:\Users\Nagendra\Desktop\SHIRISHA B R>
```