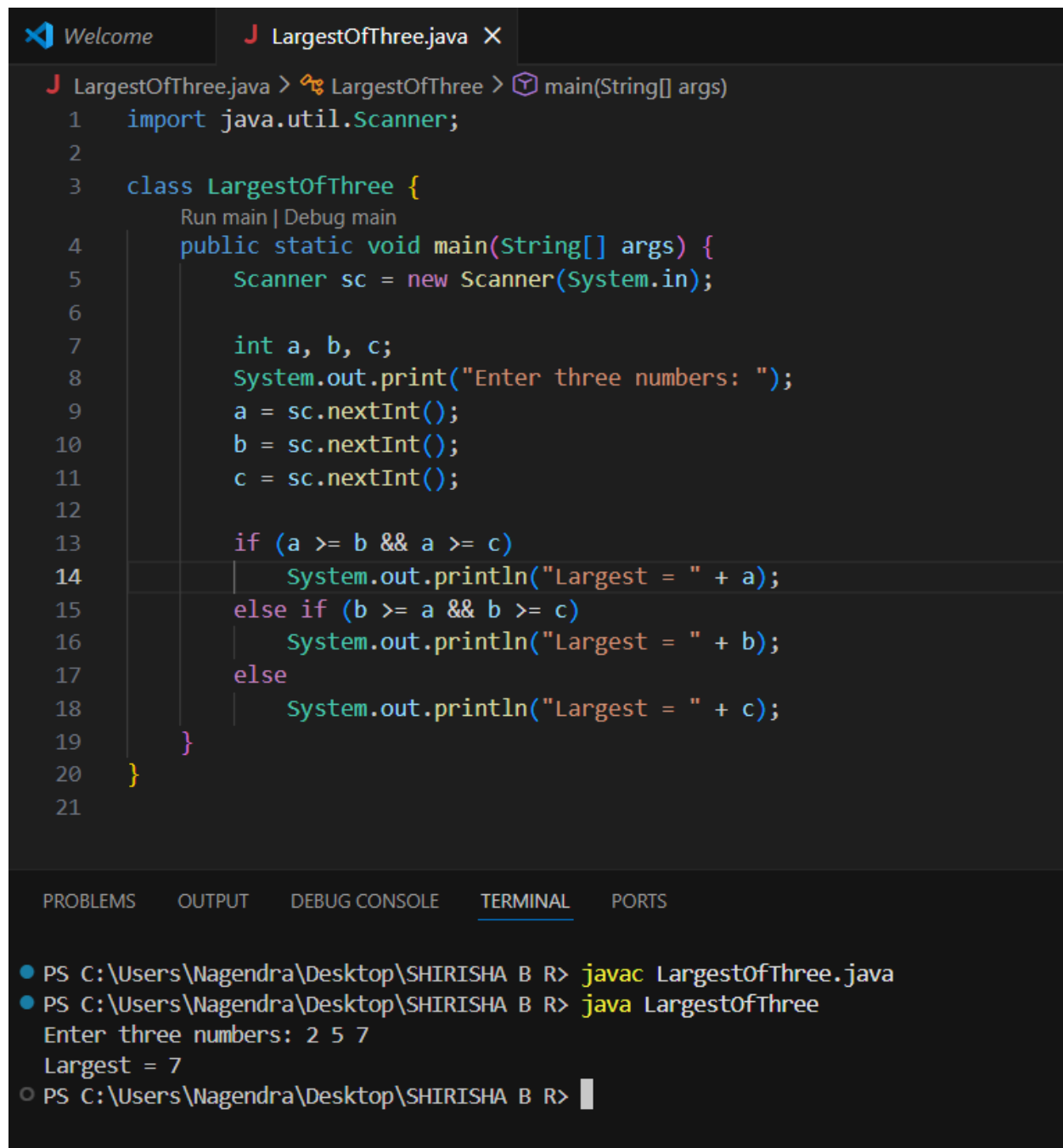


JAVA-WEEK-01



The image shows an IDE window with a tab for 'LargestOfThree.java'. The code is as follows:

```
1 import java.util.Scanner;
2
3 class LargestOfThree {
4     public static void main(String[] args) {
5         Scanner sc = new Scanner(System.in);
6
7         int a, b, c;
8         System.out.print("Enter three numbers: ");
9         a = sc.nextInt();
10        b = sc.nextInt();
11        c = sc.nextInt();
12
13        if (a >= b && a >= c)
14            System.out.println("Largest = " + a);
15        else if (b >= a && b >= c)
16            System.out.println("Largest = " + b);
17        else
18            System.out.println("Largest = " + c);
19    }
20 }
21
```

Below the code editor, the 'TERMINAL' tab is active, showing the following commands and output:

- 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>

Calculator.java 1 X

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

```
1  import java.util.Scanner;
2
3  class Calculator {
4      Run main | Debug main
5      public static void main(String[] args) {
6          Scanner sc = new Scanner(System.in);
7
8          int a, b, choice;
9          System.out.print("Enter two numbers: ");
10         a = sc.nextInt();
11         b = sc.nextInt();
12
13         System.out.println("1.Add 2.Subtract 3.Multiply 4.Divide");
14         System.out.print("Enter choice: ");
15         choice = sc.nextInt();
16
17         switch (choice) {
18             case 1: System.out.println("Result = " + (a + b)); break;
19             case 2: System.out.println("Result = " + (a - b)); break;
20             case 3: System.out.println("Result = " + (a * b)); break;
21             case 4: System.out.println("Result = " + (a / b)); break;
22             default: System.out.println("Invalid Choice");
23         }
24     }
25 }
```

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 X SumOfTwoPrimes.java

Palindrome.java > ...

```
1  import java.util.Scanner;
2
3  class Palindrome {
4      Run main | Debug main
5      public static void main(String[] args) {
6          Scanner sc = new Scanner(System.in);
7
8          int n, rev = 0, temp;
9          System.out.print("Enter a number: ");
10         n = sc.nextInt();
11
12         temp = n;
13         while (n != 0) {
14             rev = rev * 10 + n % 10;
15             n = n / 10;
16         }
17
18         if (temp == rev)
19             System.out.println("Palindrome Number");
20         else
21             System.out.println("Not a Palindrome Number");
22     }
23 }
```

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 X

Palindrome.java > ...

```
1  import java.util.Scanner;
2
3  class Palindrome {
    Run main | Debug main
4      public static void main(String[] args) {
5          Scanner sc = new Scanner(System.in);
6
7          int n, rev = 0, temp;
8          System.out.print("Enter a number: ");
9          n = sc.nextInt();
10
11         temp = n;
12         while (n != 0) {
13             rev = rev * 10 + n % 10;
14             n = n / 10;
15         }
16
17         if (temp == rev)
18             System.out.println("Palindrome Number");
19         else
20             System.out.println("Not a Palindrome Number");
21     }
22 }
23
```

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>