Date	16/05/2023

FULL STACK DEVELOPMENT – WORKSHEET -A

Sum of two number

```
package com.java.flipoFirstAssignment;

import java.util.Scanner;

public class Sum_Of_Two_Number {
public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
System.out.println("Enter two number to perform addition operation");
int num1 = sc.nextInt();
int num2 = sc.nextInt();
int sum = num1 + num2;
System.out.println("Addition of two number is : " + sum);

}

}
```

To Check Even or Odd Number

```
package com.java.flipoFirstAssignment;

import java.util.Scanner;

public class Even_Or_Odd {
public static void main(String[] args) {
// int num =24;
Scanner sc = new Scanner(System.in);
System.out.println("Enter a number to check either it is even or odd");
int num = sc.nextInt();

if (num % 2 == 0)
System.out.println(num + " is a even number");
else
System.out.println(num + " is a odd number");
 } }
```

To check Palindrome or Not

- **package com.java.flipoFirstAssignment;**
- **import java.util.Scanner;**
- **public class Palindrome_Number {**
- **public static void main(String[] args) {**
- Scanner sc = **new Scanner(System.*in);***
- System.***out.println("Enter a number to check wethere it is palindrome or not");***
- **int num = sc.nextInt();**
- **int rev = 0, rem;**
- **int temp = num;**
- **while (num > 0) {**
- rem = num % 10;
- rev = 10 * rev + rem;
- num = num / 10; }
- **if (temp == rev)**
- System.***out.println(temp + " is a palindrome number");***
- **else**

- System.***out.println(temp + " isn't a Palindrome number");*** } }

Sum of first n Natural number

```
package com.java.flipoFirstAssignment;

import java.util.Scanner;

public class Sum_Natural_Number {
public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
System.out.println("Enter last number of natural number series ");
int num = sc.nextInt();

long sum = num * (num + 1) / 2;
System.out.println("Sum of first " + num + " natural number is " + sum);
}

}
```

To check Prime or Composite number

```
package com.java.flipoFirstAssignment;
    import java.util.Scanner;
    public class Prime_Composite_Number {
public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
System.out.println("Enter a number to check either it is prime or composite");
int num = sc.nextInt();
int flag = 0;

if (num == 0 || num == 1) {
System.out.println(num + " is a neither prime nor composite number");
} else {
for (int i = 2; i < Math.sqrt(num); i++) {
if (num % i == 0) {
System.out.println(num + " is a composite number");
flag = 1;
break;
}}
if (flag == 0) {
System.out.println(num + " is a prime number");
}}}}
```