

Assignment 5

1. Write a program to swap two numbers in java.

<https://codeshare.io/9OLNmB>

```
<terminated> Swap [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (Mar 1, 2023, 10:09:19 AM – 10:09:22)
Before swapping:
num1 = 5
num2 = 7
After swapping:
num1 = 7
num2 = 5
```

2. Write a java program to print the Fibonacci series.

<https://codeshare.io/bvOy7V>

```
<terminated> Fib [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (Mar 1, 2023, 10:11:24 AM – 10:11:27 AM)
0 1 1 2 3 5 8 13 21 34
```

3. Write a java program to check whether the number is Palindrome or not.

<https://codeshare.io/Ad1NEv>

```
<terminated> Palindrome [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (Mar 1, 2023, 10:14:44 AM – 10:14:45 AM)
Enter a number: 121
it is a palindrome number.
```

4. Write a Java program to check whether the number is Armstrong number or not.

<https://codeshare.io/6pkMXk>

```
<terminated> Armstrong [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (Mar 1, 2023, 10:18:02 AM – 10:18:02 AM)
Enter a number: 153
153 is an Armstrong number.
```

5. Write a Java program to print the GCD of two numbers.

<https://codeshare.io/N3p09o>

```
<terminated> Gcd [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (Mar 1, 2023, 10:21:19 AM – 10:21:31 AM)
Enter the first number: 2
Enter the second number: 6
The GCD of 2 and 6 is 2
```

6. Write a Java program to print the sum of n natural numbers.

<https://codeshare.io/8pIMZ4>

```
<terminated> NaturalNumber [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (Mar 1, 2023, 10:25:48 AM – 10:25:48 AM)
Enter a positive integer: 10
The sum of the first 10 natural numbers is: 55
```

7. Write a java program to print the LCM of two numbers.

<https://codeshare.io/X8E0mj>

```
<terminated> LCM [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (Mar 1, 2023, 10:29:28 AM – 10:29:36 AM)
Enter first number: 4
Enter second number: 8
LCM of 4 and 8 is: 8
```

8. Write a java program to calculate the sum of digits of given number.

<https://codeshare.io/yo0Aww>

```
<terminated> SumDig [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (Mar 1, 2023, 10:36:25 AM – 10:36:25 AM)
Enter a number: 123
Sum of digits: 6
```

9. Write a program to reverse the String.

<https://codeshare.io/Ad1Nvl>

```
<terminated> ReverseString [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (Mar 1, 2023, 10:41:55 AM – 10:41:55 AM)
Enter a string: Tecnotree
Reversed string: eertonceT
```

10. Write a java program to print all the first n prime numbers where n will be given as input.

<https://codeshare.io/j0dPDR>

```
<terminated> Primeno [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (Mar 1, 2023, 10:47:59 AM – 10:48:00 AM)
Enter the value of n: 20
2 3 5 7 11 13 17 19 23 29 31 37 41 43 47 53 59 61 67 71
```