

ASSIGNMENT 05

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

<https://codeshare.io/QnEvyQ>

```
Console ×
<terminated> Nikitha [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (01-Mar-2023, 9:19:03 pm – 9:19:05 pm) [pid: 12484]
Before Swapping
First number= 15
Second number= 20
After Swapping
First number= 20
Second number= 15
```

2. Write a program to print all the elements of the Fibonacci series.

<https://codeshare.io/dwQgXD>

```
Console ×
<terminated> FibonacciSeries [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (01-Mar-2023, 9:27:10 pm – 9:27:11 pm) [pid: 3472]
0 1 1 2 3 5 8 13 21 34
```

3. Check if a given number is palindrome or not.

<https://codeshare.io/nzog8Y>

```
Console ×
<terminated> HelloWorld [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (01-Mar-2023, 9:32:15 pm – 9:32:16 pm) [pid: 872]
palindrome number
```

4. Write a program to find whether a number is an Armstrong number or not.

<https://codeshare.io/LwEDkp>

```
Console ×
<terminated> ArmstrongNumber [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (01-Mar-2023, 9:35:52 pm – 9:35:54 pm) [pid: 24548]
371 is an Armstrong number.
```

5. Find the GCD of two numbers.

<https://codeshare.io/j0dg9R>

```
Console ×
<terminated> GCD [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (01-Mar-2023, 9:39:27 pm – 9:39:28 pm) [pid: 10820]
GCD of n1 and n2 is: 10
```

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

<https://codeshare.io/DZEMek>

```
Console ×
<terminated> Naturalnumber [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (01-Mar-2023, 9:42:31 pm – 9:42:33 pm) [pid: 17268]
Sum = 210
```

7. Write a program to find the lcm of two numbers.

<https://codeshare.io/gL9VQB>

```
Console x
<terminated> LCM [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (01-Mar-2023, 9:45:39 pm – 9:45:40 pm) [pid: 15056]
The LCM of 72 and 120 is 360.
```

8. Calculate the sum of digits of a given number.

<https://codeshare.io/PdEDro>

```
Console x
<terminated> Sum [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (01-Mar-2023, 9:51:00 pm – 9:51:04 pm) [pid: 10288]
Enter a Number: 20
Sum of Digits = 2
```

9. Write a program to reverse a string.

<https://codeshare.io/qPmMok>

```
Console x
<terminated> Reverse [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (01-Mar-2023, 9:54:04 pm – 9:54:05 pm) [pid: 18152]
Original string: Good Morning
Reverse of given string: gninroM dooG
```

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

- <https://codeshare.io/EBEDvv>

Enter the value of n:

10

First 10 prime numbers are:

2

3

5

7

11

13

17

19

23

29