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Assignment-5

1.Write a program to swap two numbers in Java

https://codeshare.io/JbMKlR

OUTPUT:
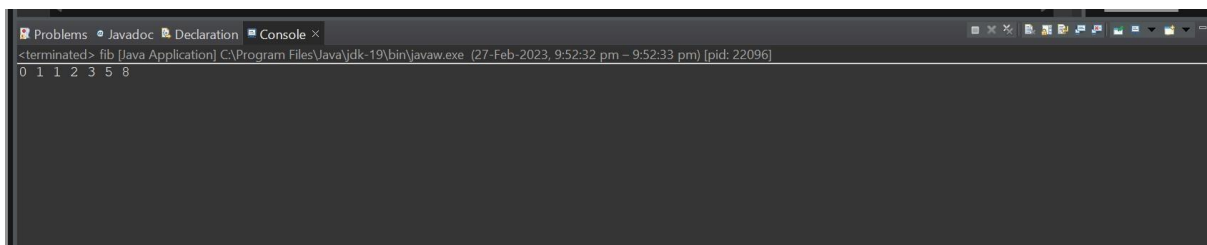
```
Problems  Javadoc  Declaration  Console ×
<terminated> swap2 [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe  (27-Feb-2023, 8:39:09 pm – 8:39:10 pm) [pid: 18308]
bfr swap
x = 10
y = 20
After swap
x = 20
y = 10
```

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

https://codeshare.io/pqkxJY

OUTPUT :

```
Problems  Javadoc  Declaration  Console ×
<terminated> fib [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe  (27-Feb-2023, 9:52:32 pm – 9:52:33 pm) [pid: 22096]
0 1 1 2 3 5 8
```
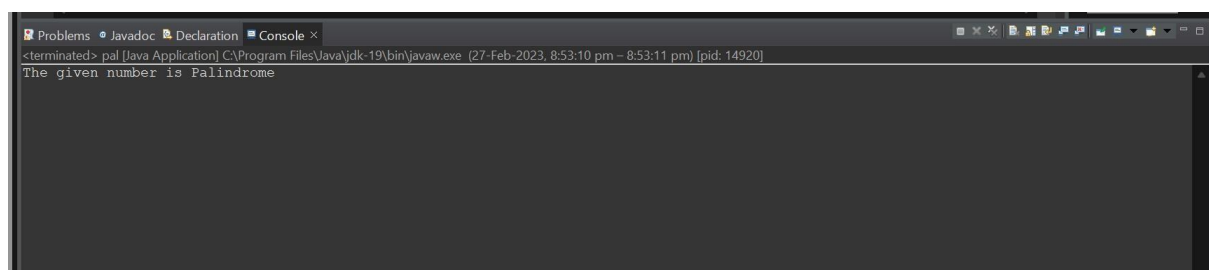
3.Check if a given number is palindrome or not.

https://codeshare.io/K8EdZK

OUTPUT:
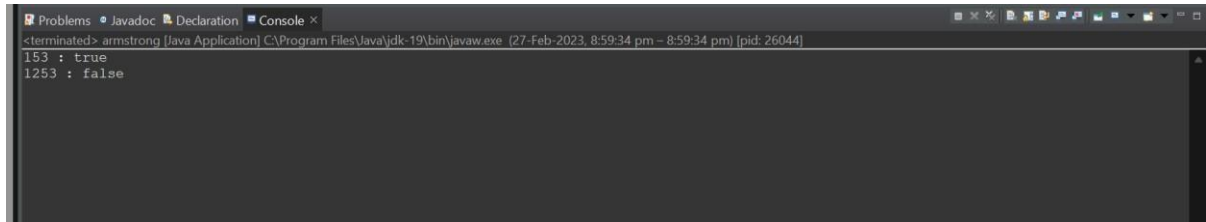
```
Problems  Javadoc  Declaration  Console ×
<terminated> pal [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe  (27-Feb-2023, 8:53:10 pm – 8:53:11 pm) [pid: 14920]
The given number is Palindrome
```

1.Write a program to swap two numbers in Java

https://codeshare.io/JbMKlR

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

 https://codeshare.io/YLE4PM

OUTPUT :
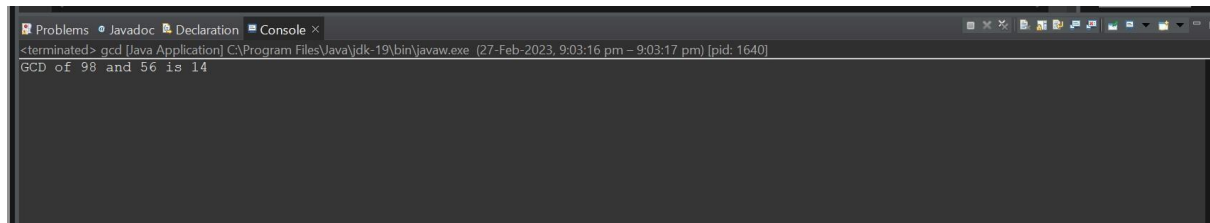
```
Problems  Javadoc  Declaration  Console ×
<terminated> armstrong [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe  (27-Feb-2023, 8:59:34 pm – 8:59:34 pm) [pid: 26044]
153 : true
1253 : false
```

5.Find the GCD of two numbers.

 https://codeshare.io/6pkLYp

OUTPUT:
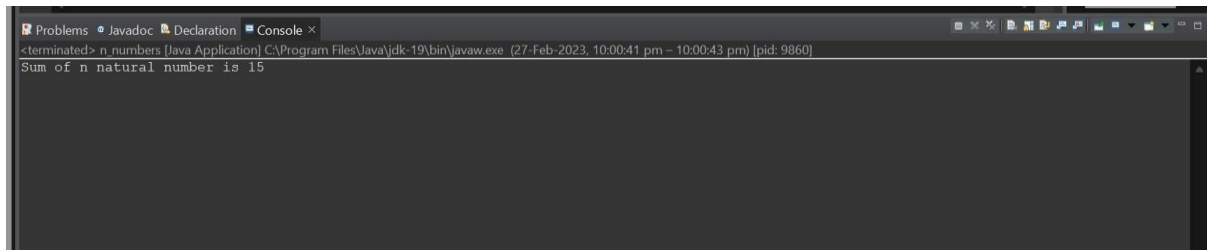
```
Problems  Javadoc  Declaration  Console ×
<terminated> gcd [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe  (27-Feb-2023, 9:03:16 pm – 9:03:17 pm) [pid: 1640]
GCD of 98 and 56 is 14
```

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

 https://codeshare.io/oQ3xyp
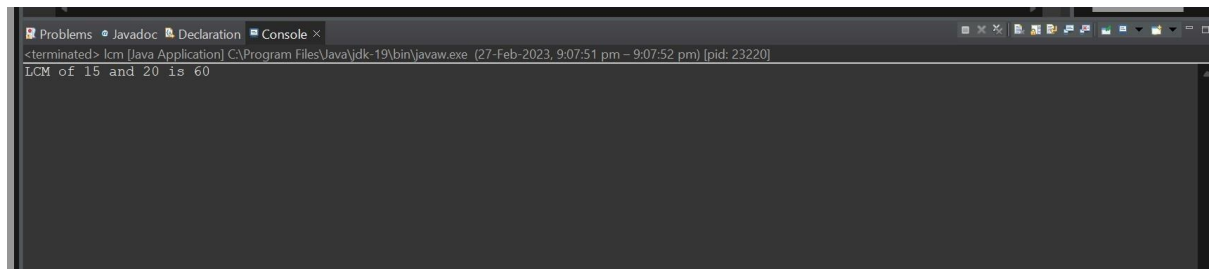
OUTPUT :


```
Problems  Javadoc  Declaration  Console ×
<terminated> n_numbers [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe  (27-Feb-2023, 10:00:41 pm – 10:00:43 pm) [pid: 9860]
Sum of n natural number is 15
```

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

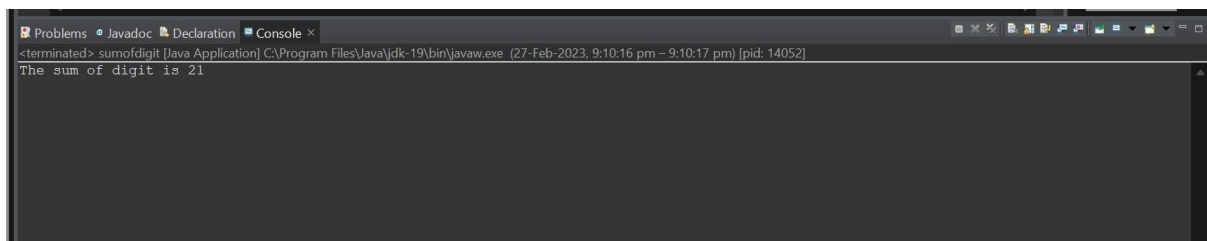https://codeshare.io/yo0Ynb

OUTPUT :


```
Problems  Javadoc  Declaration  Console ×
<terminated> lcm [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe  (27-Feb-2023, 9:07:51 pm – 9:07:52 pm) [pid: 23220]
LCM of 15 and 20 is 60
```

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

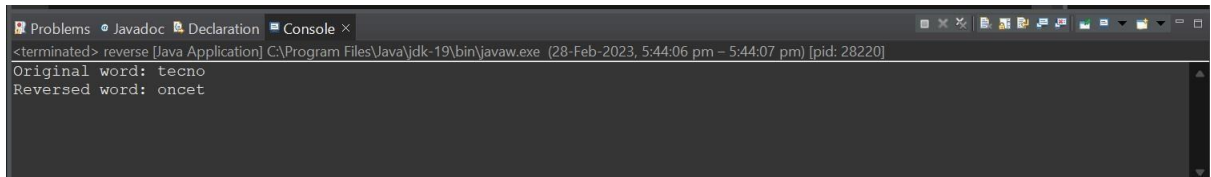https://codeshare.io/0gv4nl

OUTPUT :


```
Problems  Javadoc  Declaration  Console ×
<terminated> sumofdigit [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe  (27-Feb-2023, 9:10:16 pm – 9:10:17 pm) [pid: 14052]
The sum of digit is 21
```

9.Write a program to reverse a string.

https://codeshare.io/MNEngQ

OUTPUT :
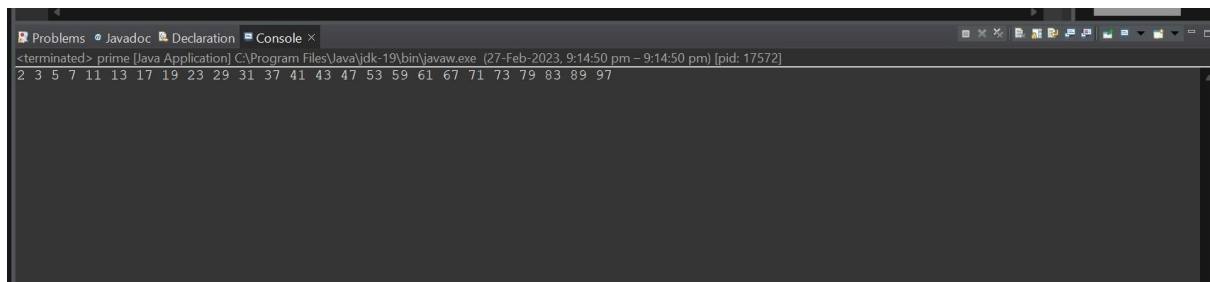


```
Problems  Javadoc  Declaration  Console ×
<terminated> reverse [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe  (28-Feb-2023, 5:44:06 pm – 5:44:07 pm) [pid: 28220]
Original word: tecno
Reversed word: oncet
```

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

https://codeshare.io/nzoYNX

OUTPUT :


```
Problems  Javadoc  Declaration  Console ×
<terminated> prime [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe  (27-Feb-2023, 9:14:50 pm – 9:14:50 pm) [pid: 17572]
2  3  5  7  11  13  17  19  23  29  31  37  41  43  47  53  59  61  67  71  73  79  83  89  97
```