

Ronish J Gowda

## Assignment-5

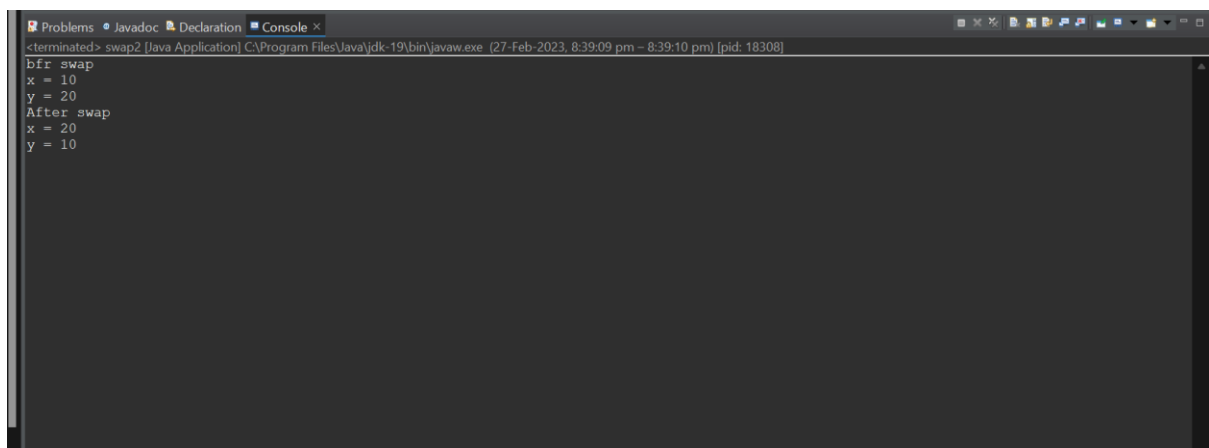
Engineering Intern

Tecnotree, Mysore

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

<https://codeshare.io/wnvKp9>

OUTPUT :

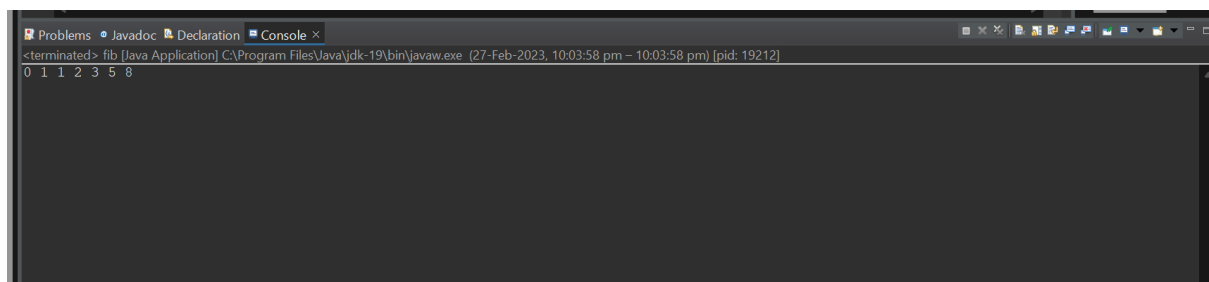


```
Problems Javadoc Declaration Console x
<terminated> swap2 [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (27-Feb-2023, 8:39:09 pm - 8:39:10 pm) [pid: 18308]
bfr swap
x = 10
y = 20
After swap
x = 20
y = 10
```

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

<https://codeshare.io/gL9DED>

OUTPUT :

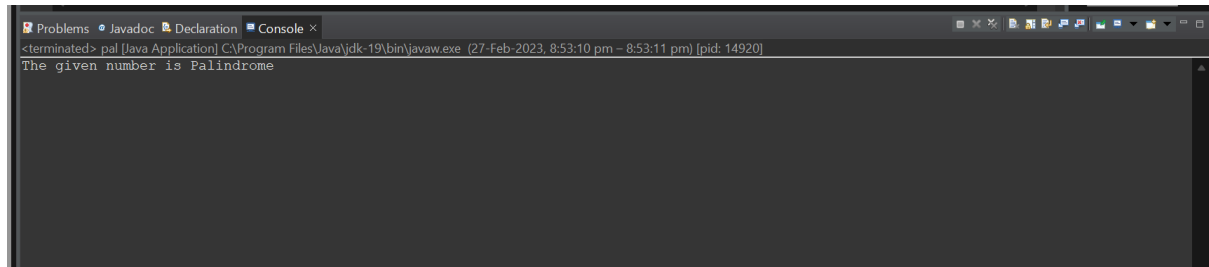


```
Problems Javadoc Declaration Console x
<terminated> fib [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (27-Feb-2023, 10:03:58 pm - 10:03:58 pm) [pid: 19212]
0 1 1 2 3 5 8
```

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

<https://codeshare.io/QnErvW>

OUTPUT:

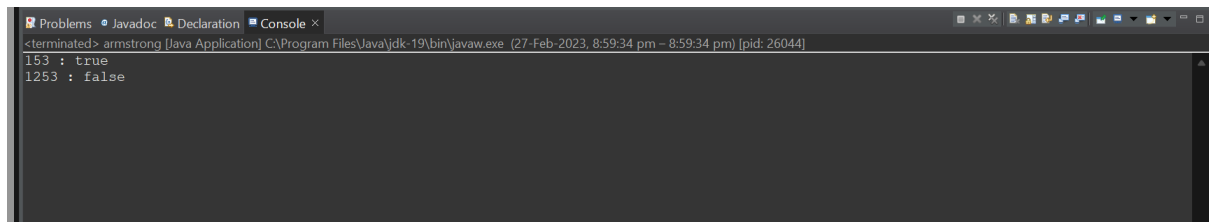


```
Problems • Javadoc • Declaration • Console ×
<terminated> pal [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (27-Feb-2023, 8:53:10 pm – 8:53:11 pm) [pid: 14920]
The given number is Palindrome
```

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

<https://codeshare.io/9OLzw0>

OUTPUT:

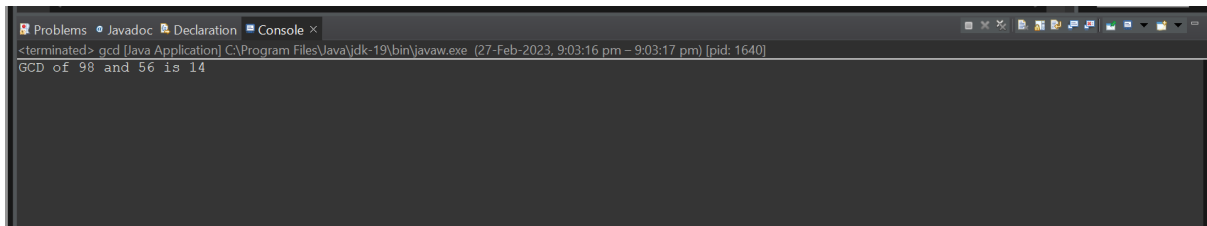


```
Problems • Javadoc • Declaration • Console ×
<terminated> armstrong [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (27-Feb-2023, 8:59:34 pm – 8:59:34 pm) [pid: 26044]
153 : true
1253 : false
```

## 5. Find the GCD of two numbers.

<https://codeshare.io/dwQD9z>

OUTPUT:

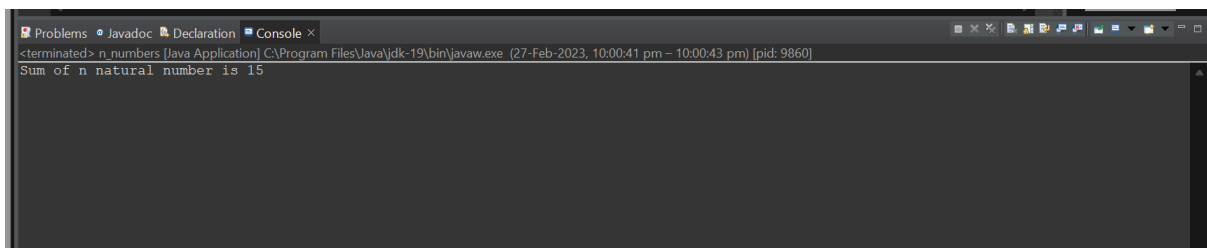


```
Problems • Javadoc • Declaration • Console ×  
<terminated> gcd [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (27-Feb-2023, 9:03:16 pm – 9:03:17 pm) [pid: 1640]  
GCD of 98 and 56 is 14
```

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

<https://codeshare.io/QnErYe>

OUTPUT:

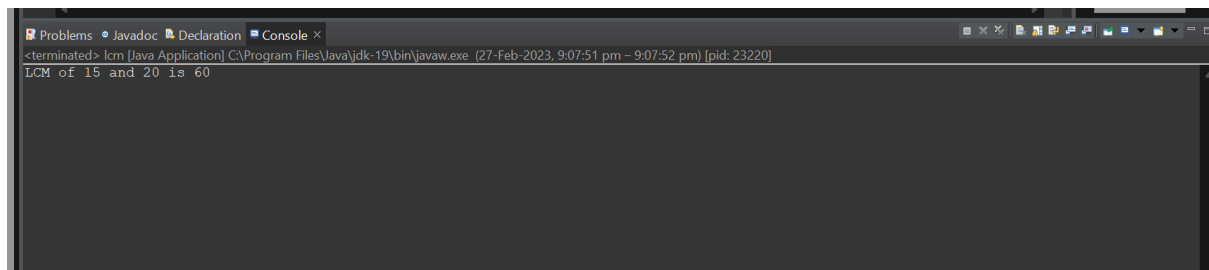


```
Problems • Javadoc • Declaration • Console ×  
<terminated> n numbers [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (27-Feb-2023, 10:00:41 pm – 10:00:43 pm) [pid: 9860]  
Sum of n natural number is 15
```

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

<https://codeshare.io/PdELYw>

### OUTPUT:

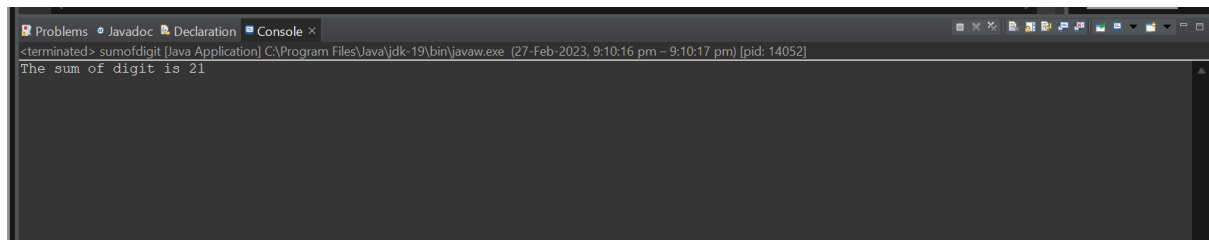


```
Problems • Javadoc • Declaration • Console ×  
<terminated> lcm [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (27-Feb-2023, 9:07:51 pm - 9:07:52 pm) [pid: 23220]  
LCM of 15 and 20 is 60
```

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

<https://codeshare.io/vwjEQ1>

### OUTPUT:

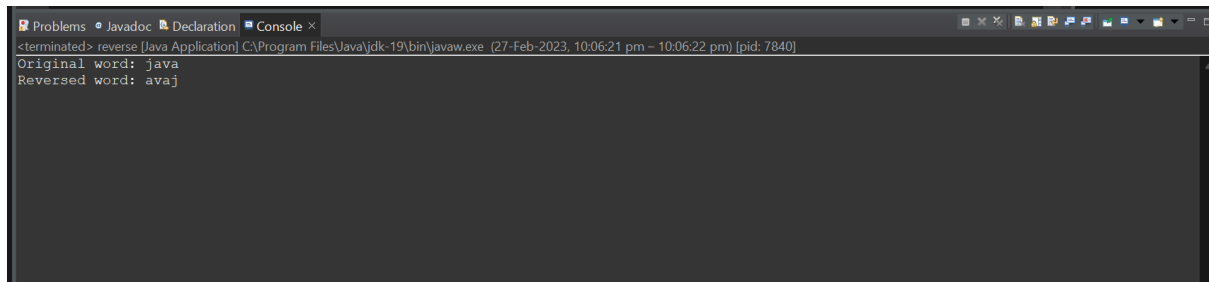


```
Problems • Javadoc • Declaration • Console ×  
<terminated> sumofdigit [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (27-Feb-2023, 9:10:16 pm - 9:10:17 pm) [pid: 14052]  
The sum of digit is 21
```

## 9. Write a program to reverse a string.

<https://codeshare.io/YLErYM>

### OUTPUT:

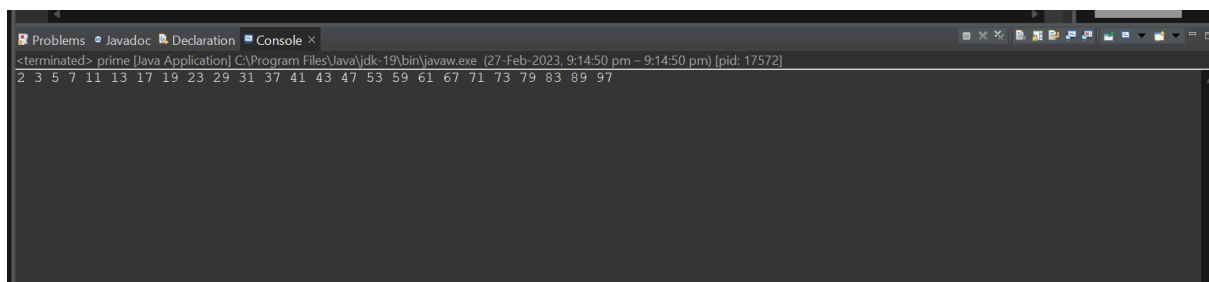


```
Problems Javadoc Declaration Console x
<terminated> reverse [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (27-Feb-2023, 10:06:21 pm - 10:06:22 pm) [pid: 7840]
Original word: java
Reversed word: avaj
```

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

<https://codeshare.io/WdEjYY>

### OUTPUT:



```
Problems Javadoc Declaration Console x
<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
```