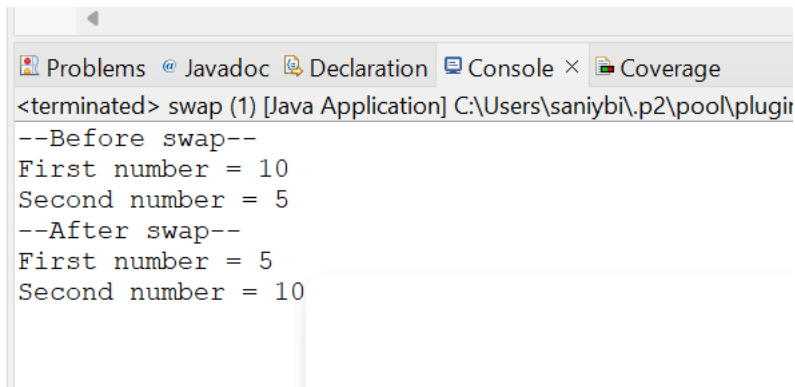


Assignment 5

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

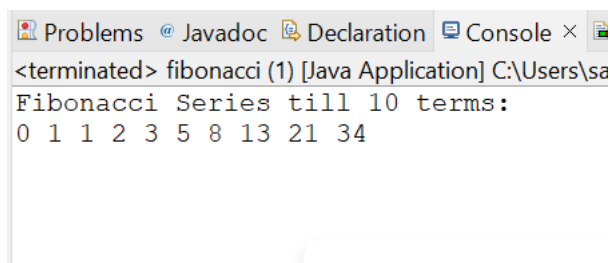
CodeLink: <https://codeshare.io/4eoBNL>



```
<terminated> swap (1) [Java Application] C:\Users\saniyb\p2\pool\plugin
--Before swap--
First number = 10
Second number = 5
--After swap--
First number = 5
Second number = 10
```

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

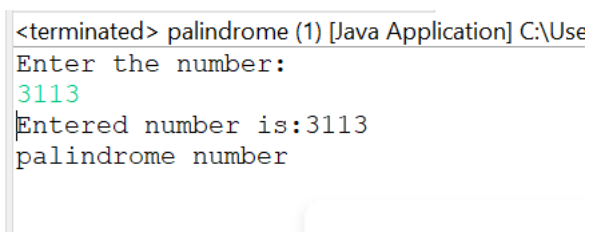
CodeLink: <https://codeshare.io/vwjnL4>



```
<terminated> fibonacci (1) [Java Application] C:\Users\saniyb\p2\pool\plugin
Fibonacci Series till 10 terms:
0 1 1 2 3 5 8 13 21 34
```

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

CodeLink: <https://codeshare.io/N3pdwo>



```
<terminated> palindrome (1) [Java Application] C:\Users\saniyb\p2\pool\plugin
Enter the number:
3113
Entered number is:3113
palindrome number
```

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

CodeLink: <https://codeshare.io/km8XE4>

```
Problems @ Javadoc Declaration Console >
<terminated> armstrong (1) [Java Application] C:\Use
Enter the number:
371
Entered number is:371
371 is an Armstrong number.
```

5.Find the GCD of two numbers.

CodeLink: <https://codeshare.io/OdE8gr>

```
<terminated> gcd [Java Application] C:\Users\saniybi\p2\pc
Enter the number:
81
Entered number is:81
Enter the number:
153
Entered number is:153
GCD of 81 and 153 is 9
```

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

CodeLink: <https://codeshare.io/N3pd1J>

```
Problems @ Javadoc Declaration
<terminated> sum [Java Application]
Sum = 5050
```

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

CodeLink: <https://codeshare.io/VZEq96>

```
Problems @ Javadoc Declaration Console >
<terminated> lcm [Java Application] C:\Users\saniybi\p2\po
Enter first number ::
20
Enter second number ::
30
LCM of given numbers is :: 60
```

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

CodeLink: <https://codeshare.io/dwQlwe>

```
Problems @ Javadoc Declaration Co
<terminated> sumofdigits (1) [Java Applicat
Enter the number:213
Sum of Digits:6
```

9. Write a program to reverse a string.

CodeLink: <https://codeshare.io/0gvwgv>

```
<terminated> reverse [Java Application] C:\Users\saniybi
Original string: Dream big
Reverse of given string: gib maerD
```

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

CodeLink: <https://codeshare.io/1Y89Vj>

```
<terminated> prime (1) [Java Application] C:\Users\saniybi\p2\p001
Enter the number of prime terms you want!
10
First 10 prime numbers are :-
2 3 5 7 11 13 17 19 23 29
```