



Java

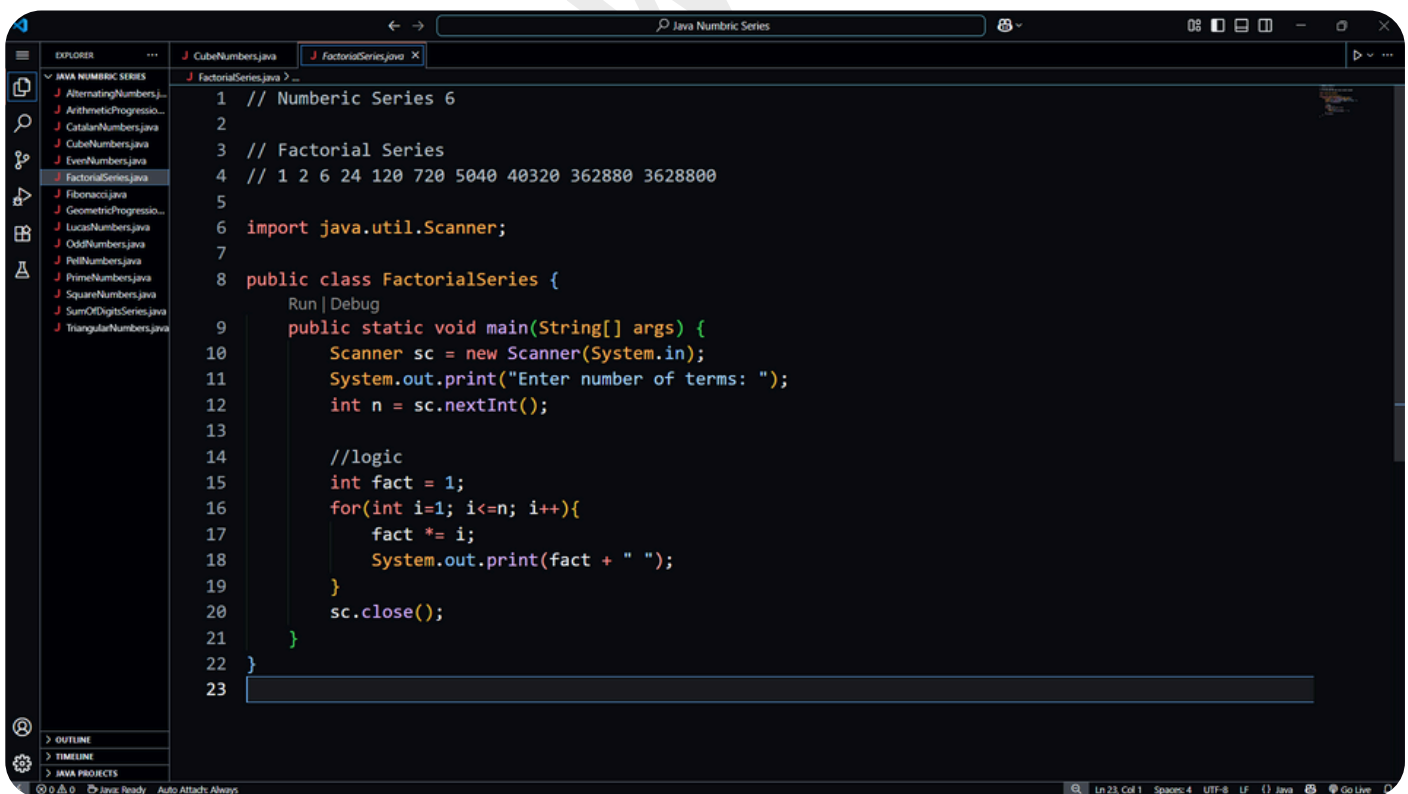
Numbric Series

Java Program

Numbric Series

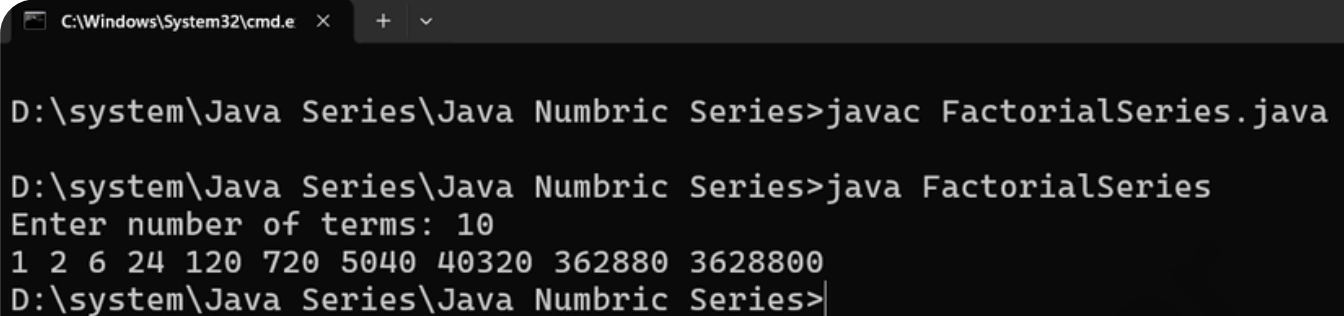
6. Factorial Series

Code



```
1 // Numeric Series 6
2
3 // Factorial Series
4 // 1 2 6 24 120 720 5040 40320 362880 3628800
5
6 import java.util.Scanner;
7
8 public class FactorialSeries {
9     public static void main(String[] args) {
10         Scanner sc = new Scanner(System.in);
11         System.out.print("Enter number of terms: ");
12         int n = sc.nextInt();
13
14         //logic
15         int fact = 1;
16         for(int i=1; i<=n; i++){
17             fact *= i;
18             System.out.print(fact + " ");
19         }
20         sc.close();
21     }
22 }
23
```

Output



A screenshot of a Windows command prompt window. The title bar shows 'C:\Windows\System32\cmd.e' and standard window controls. The command prompt shows the following sequence of commands and output:

```
D:\system\Java Series\Java Numbric Series>javac FactorialSeries.java  
D:\system\Java Series\Java Numbric Series>java FactorialSeries  
Enter number of terms: 10  
1 2 6 24 120 720 5040 40320 362880 3628800  
D:\system\Java Series\Java Numbric Series>|
```



Thank you !
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