



Java

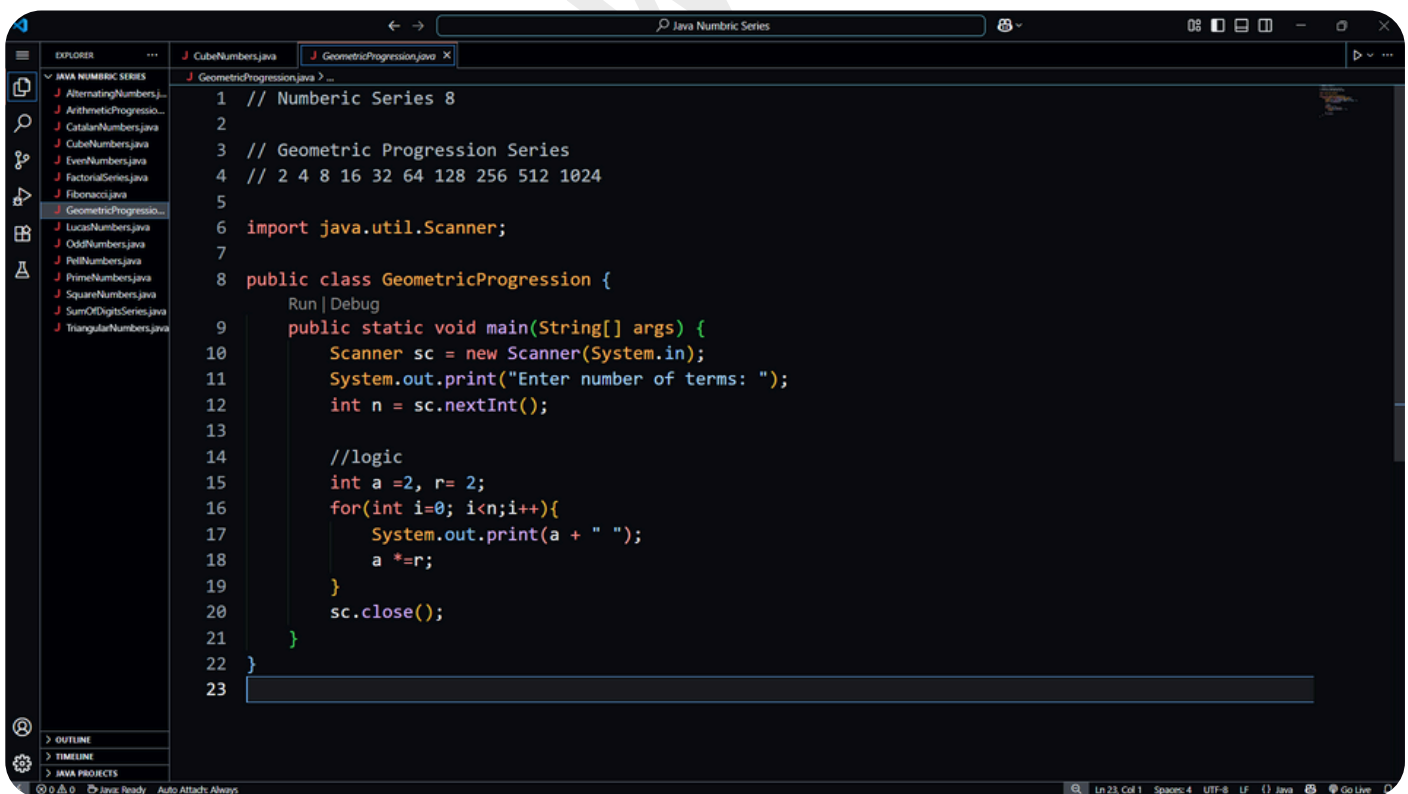
Numbric Series

Java Program

Numbric Series

8. Geometric Progression Series

Code



```
1 // Numeric Series 8
2
3 // Geometric Progression Series
4 // 2 4 8 16 32 64 128 256 512 1024
5
6 import java.util.Scanner;
7
8 public class GeometricProgression {
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 a = 2, r = 2;
16         for(int i=0; i<n; i++){
17             System.out.print(a + " ");
18             a *= r;
19         }
20         sc.close();
21     }
22 }
23
```

Output

```
C:\Windows\System32\cmd.e  X  +  v
D:\system\Java Series\Java Numbric Series>javac GeometricProgression.java
D:\system\Java Series\Java Numbric Series>java GeometricProgression
Enter number of terms: 10
2 4 8 16 32 64 128 256 512 1024
D:\system\Java Series\Java Numbric Series>|
```

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