



**Java**

# Numbric Series

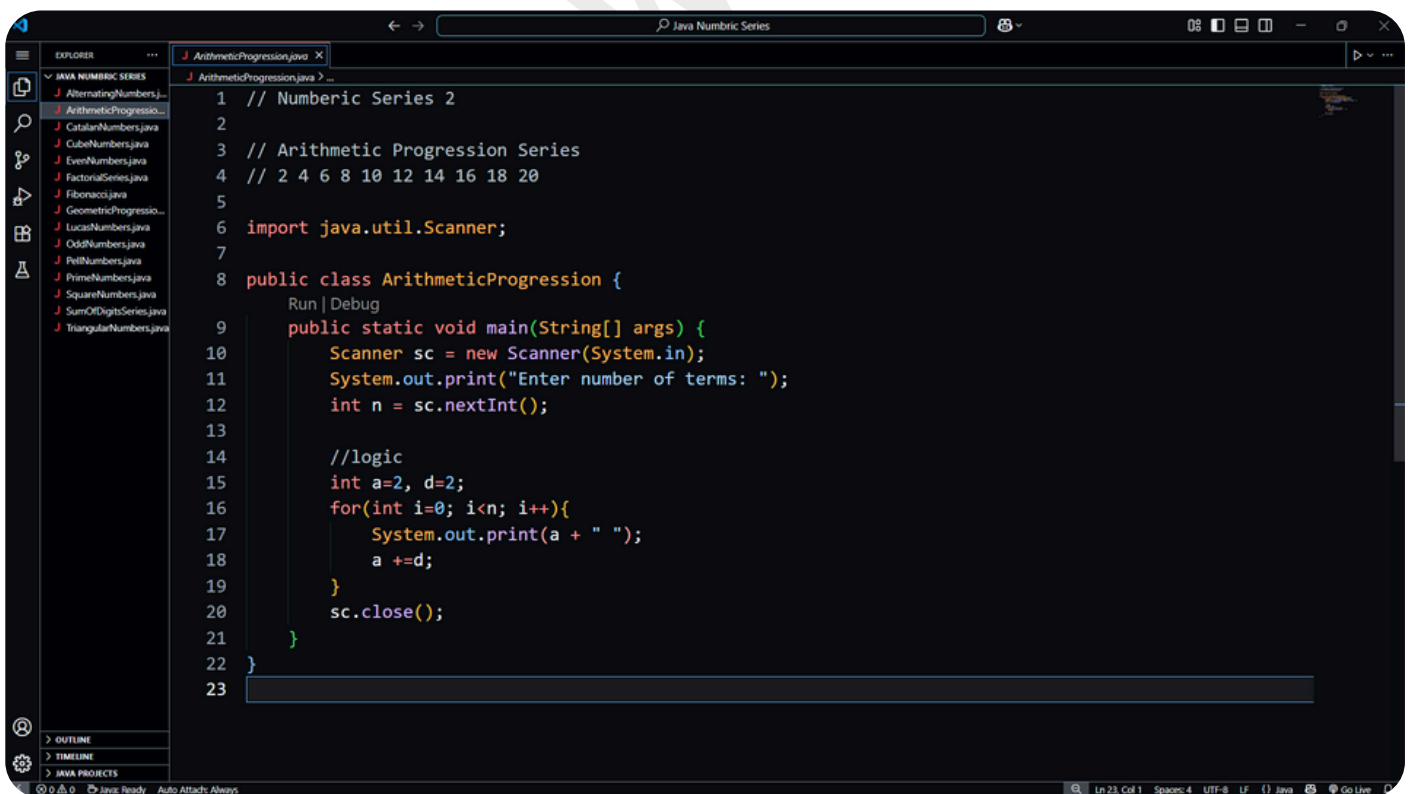
# Java Program

## Numbric Series

### 2. Arithmetic Progression Series

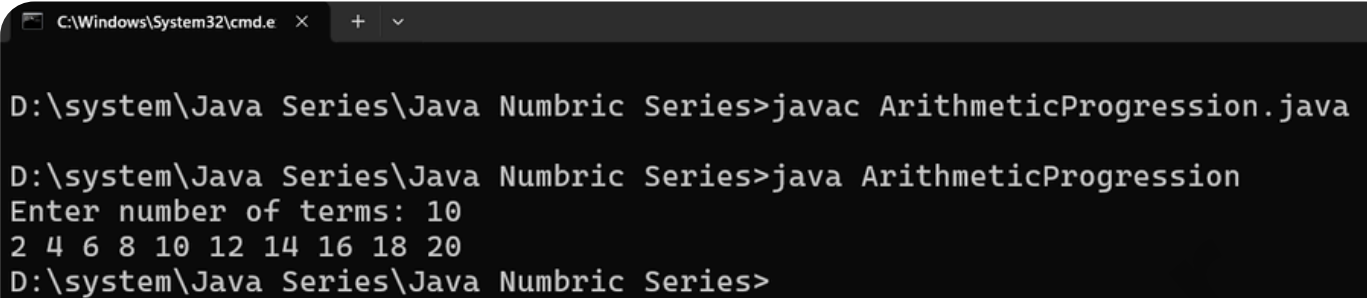
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#### Code



```
1 // Numeric Series 2
2
3 // Arithmetic Progression Series
4 // 2 4 6 8 10 12 14 16 18 20
5
6 import java.util.Scanner;
7
8 public class ArithmeticProgression {
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, d=2;
16         for(int i=0; i<n; i++){
17             System.out.print(a + " ");
18             a +=d;
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 ArithmeticProgression.java
D:\system\Java Series\Java Numbric Series>java ArithmeticProgression
Enter number of terms: 10
2 4 6 8 10 12 14 16 18 20
D:\system\Java Series\Java Numbric Series>
```



**Thank you !**  
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