



Java

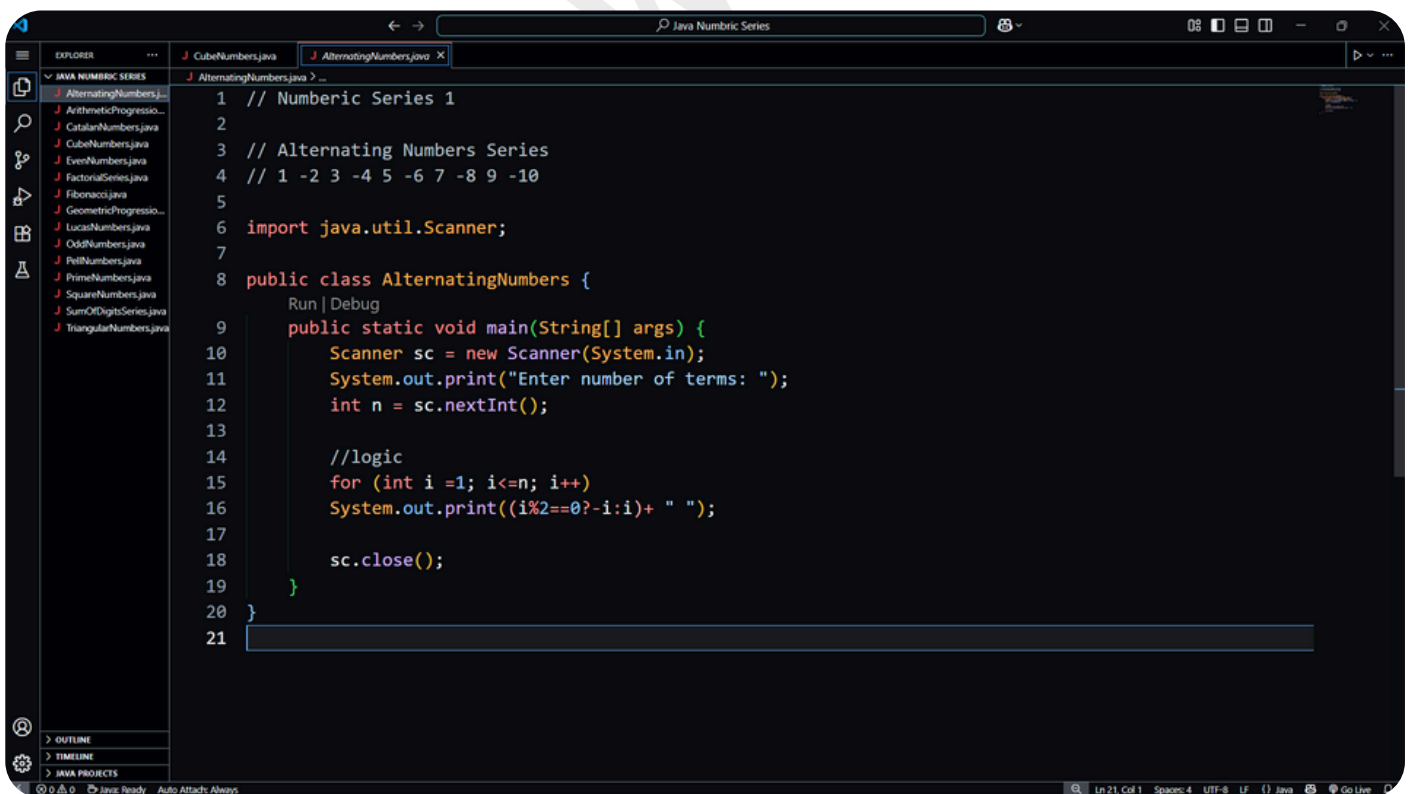
Numbric Series

Java Program

Numbric Series

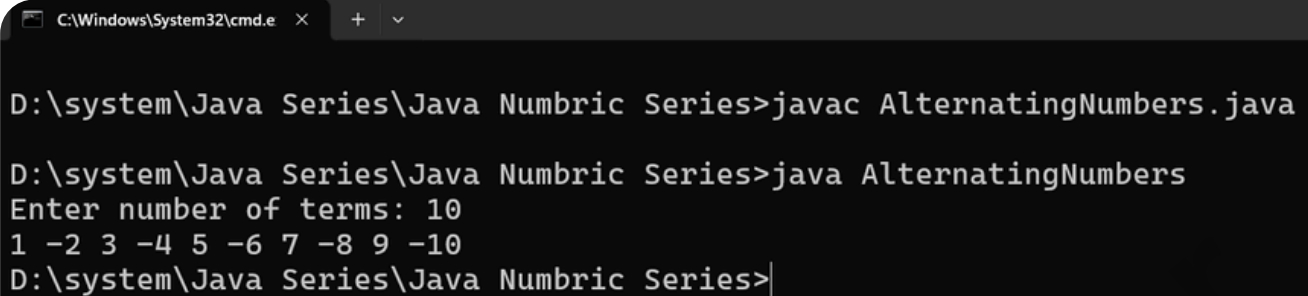
1. Alternating Numbers Series

Code



```
1 // Numeric Series 1
2
3 // Alternating Numbers Series
4 // 1 -2 3 -4 5 -6 7 -8 9 -10
5
6 import java.util.Scanner;
7
8 public class AlternatingNumbers {
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         for (int i = 1; i <= n; i++)
16             System.out.print((i % 2 == 0 ? -i : i) + " ");
17
18         sc.close();
19     }
20 }
21
```

Output



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

```
D:\system\Java Series\Java Numbric Series>javac AlternatingNumbers.java  
D:\system\Java Series\Java Numbric Series>java AlternatingNumbers  
Enter number of terms: 10  
1 -2 3 -4 5 -6 7 -8 9 -10  
D:\system\Java Series\Java Numbric Series>|
```



Thank you !
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