



Java

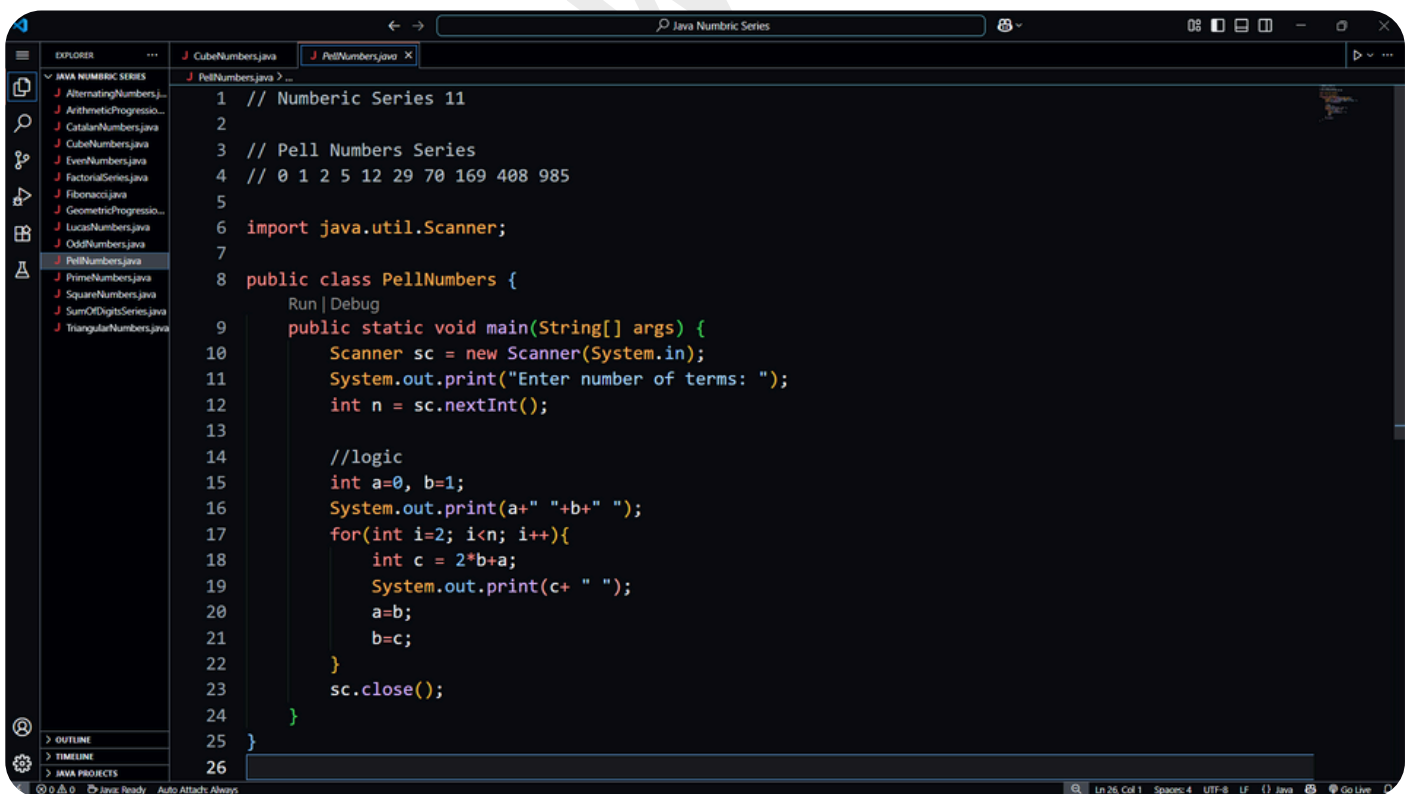
Numbtric Series

Java Program

Numbric Series

11. Pell Numbers Series

Code



```
1 // Numeric Series 11
2
3 // Pell Numbers Series
4 // 0 1 2 5 12 29 70 169 408 985
5
6 import java.util.Scanner;
7
8 public class PellNumbers {
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=0, b=1;
16         System.out.print(a+" "+b+" ");
17         for(int i=2; i<n; i++){
18             int c = 2*b+a;
19             System.out.print(c+" ");
20             a=b;
21             b=c;
22         }
23         sc.close();
24     }
25 }
26
```

Output

```
C:\Windows\System32\cmd.e  X  +  v
D:\system\Java Series\Java Numbric Series>javac PellNumbers.java
D:\system\Java Series\Java Numbric Series>java PellNumbers
Enter number of terms: 10
0 1 2 5 12 29 70 169 408 985
D:\system\Java Series\Java Numbric Series>|
```



Thank you !
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