

4. Write a java program to accept a number  $n$  from the user and print  $n$  rows of output as given below if  $n=4$ .

1  
2 3  
4 5 6  
7 8 9 10

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25-9-2020

```
import java.util.Scanner;  
class PrintPattern {  
    public static void main (String args[])  
    {  
        int i, j, k=1, n;  
        System.out.println ("Enter the value of n");  
        Scanner in = new Scanner (System.in);  
        n = in.nextInt();  
        for (i=1; i<=n; i++) {  
            for (j=1; j<i+1; j++) {  
                System.out.print (k++ + " ");  
            }  
            System.out.println ();  
        }  
    }  
}
```

Enter the value of n

4

1

2 3

4 5 6

7 8 9 10

[Program finished] █