

$n = 5$

	1,1	2,2		
1,1	*			
2,1	-	*		
3,1	-	-	*	
4,1	-	-	-	*
5,1	-	-	-	-

Pattern 7:

$n = 5$

```

*
- *
-- *
--- *
---- *

```

$n = 4$

```

*
  *
   *
    *

```

$n = 1000$

[loop.

0 1 1 2 3 5 8 13 21 34 55...

```

int firstNumber = 0;
int secondNumber = 1;

System.out.println(firstNumber);
System.out.println(secondNumber);

for (int i = 0; i < n - 2; i++) {
    int fibonacci = firstNumber + secondNumber;
    System.out.println(fibonacci);

    secondNumber = fibonacci;
    firstNumber = secondNumber;
}

```

$f = 0$   
 $s = 1$   
 $t = 1$