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Class Fibonacci

java.lang.Object
Fibonacci

```
public class Fibonacci
extends java.lang.Object
```

Fibonacci assignment, Iterative and Recursive Fibonacci series: 1,1,2,3,5,8,13...

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- # Constructor Summary

Constructors

Constructor	Description
Fibonacci()	

- # Method Summary

All Methods	Static Methods	Instance Methods	Concrete Methods

Modifier and Type	Method	Description
int	**fibonacciIteration**(int n)	Iterative version Time complexity: O(n) Space complexity: O(1)
int	**fibonacciRecursive**(int n)	Recursive Version Time Complexity: $O(2^n)$ Space Complexity: O(n)
static void	**main**(java.lang.String[] args)	

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

- # Constructor Details

  - ## Fibonacci

    public Fibonacci()

- # Method Details

  - ## fibonacciIteration

    public int fibonacciIteration(int n)
    Iterative version Time complexity: O(n) Space complexity: O(1)

    Parameters:

n -
Returns:

- ### fibonacciRecursive

  public int fibonacciRecursive(int n)
  Recursive Version Time Complexity: O(2^n) Space Complexity: O(n)

  Parameters:
          n -
  Returns:

- ### main

  public static void main(java.lang.String[] args)