Practice with Recursion

In this assignment you will write a class `Fibonacci` that calculates the nth Fibonacci number. Before you implement your code, determine the base case and recursive case for the function. The main function of your class is given. Implement the remaining sections.

Recursive Case:

Base Case:

```java
class Fibonacci {
    public int calcFibonacci(int n) {
    }

    // Use this main function to check if your class is implemented correctly
    public static void main(String[] args){
        Fibonacci fib = new Fibonacci();
        int n = 7;
        int result = fib.calcFibonacci(n);
        System.out.printf("Fibonacci %d: %d\n", n, result);
    }
}
```

What is the output of this program? ________________________________