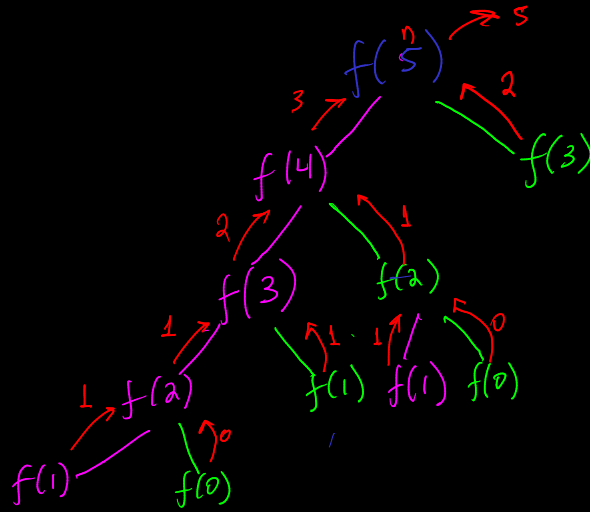


Chamadas Recursivas Redundantes

0 1 1 2 3 5 8 ...

$$f(n) = \begin{cases} n, & n \leq 1 \\ f(n-1) + f(n-2), & n > 1 \end{cases}$$

```
int FIB(int n) {  
    if (n <= 1)  
        return n;  
    return FIB(n-1) + FIB(n-2);  
}
```



Memoização

0	0
1	1
2	1
3	2
4	3
5	5