

```
scala> def fib1( n : Int) : Int = n match {  
    |   case 0 | 1 => n  
    |   case _ => fib1( n-1 ) + fib1( n-2 )  
    | }
```

```
fib1: (n: Int)Int
```

```
scala> fib1(6)
```

```
res7: Int = 8
```