

---

```
int fibonaccilter(int  $n$ )
```

```
     $DP \leftarrow$  new int[ $0 \dots n$ ]
```

```
     $DP[0] \leftarrow DP[1] \leftarrow 1$ 
```

```
    da  $i \leftarrow 2$  fino a  $n$  fai
```

```
         $DP[i] \leftarrow DP[i - 1] + DP[i - 2]$ 
```

```
    ritorna  $DP[n]$ 
```

---