

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

```
    DP ← new int[ ]0n
```

```
    DP[0] ← DP[1] ← 1
```

```
    from  $i \leftarrow 2$  until  $n$  do
```

```
        [     DP[ $i$ ] ← DP[ $i - 1$ ] + DP[ $i - 2$ ]
```

```
    return DP[n]
```