

```
int hateville(int[] D, int n)
```

```
    int[] DP ← new int[0..n]
```

```
    DP[0] ← 0
```

```
    DP[1] ← DP[1]
```

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

```
        DP[i] ← max(DP[i - 1], DP[i - 2] + D[i])
```

```
    ritorna DP[n]
```