Acelerar

acelerar

```
1  void acelerar(reunion &r, int prof, int freq) {
2      reunion rV = r;
3      for (int i = 0; i < rV.size(); i++) {
4          int a = 0;
5          for (int j = 1; j < rV[i].first.size(); j = j + 2) {
6              r[i].first[(j - 1) / 2] = rV[i].first[j];
7              a = (j + 1) / 2;
8          }
9          for (int q = 0; q < rV[i].first.size() - a; q++) {
10             r[i].first.pop_back();
11         }
12         r[i].second = rV[i].second;
13     }
14 }
```

c_1	1
c_2	$m+1$
c_3	m
c_4	$\frac{m \cdot n}{2}$
c_5	$\frac{m \cdot n}{2}$
c_6	$\frac{m \cdot n}{2}$
c_7	$m \cdot n$
c_8	$m \cdot n$
c_9	m

- $m = |r|$
- $n = |r[0].first|$
- $T_{acelerar}(m,n) = c_1 + c_2 \cdot (m+1) + c_3 \cdot m + c_4 \cdot \frac{m \cdot n}{2} + c_5 \cdot \frac{m \cdot n}{2} + c_6 \cdot \frac{m \cdot n}{2} + c_7 \cdot (m \cdot n) + c_8 \cdot (m \cdot n) + c_9 \cdot m$
- $T_{acelerar}(m,n) \in O(m \cdot n)$