```
// Pre-computa i predecessori
int[ ] computePredecessor(int[ ] a, int[ ] a, int n)

    int[ ][ ] pred ← new int[0...n]
    pred[0] ← 0
    da i ← 1 fino a n fai
        j ← i - 1
        finché j > 0 and b[j] > a[i] fai
            j ← j - 1
        pred[i] ← j

    ritorna pred
```