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

    int[ ][ ] pred ← new int[ ]0n
    pred[0] ← 0
    from i ← 1 until n do
        j ← i − 1
        while j > 0 and b[j] > a[i] do
            j ← j − 1
        pred[i] ← j

    return pred
```