Implémentation 1 - *tri par fusion*

```
let rec casser l =
    match l with
    | [] -> [], []
    | [e1] -> [e1], []
    | e1::e2::q ->
        let l1, l2 = casser q in
        e1::l1, e2::l2

let rec fusion l1 l2 =
    match l1, l2 with
    | [], _ -> l2
    | _, [] -> l1
    | e1::q1, e2::q2 ->
        if e2 > e1 then
            e1::(fusion q1 l2)
        else
            e2::(fusion l1 q2)

let rec tri_fusion l =
    match l with
    | [] -> []
    | [e1] -> [e1]
    | _ ->
        let l1, l2 = casser l in
        fusion (tri_fusion l1) (tri_fusion l2)
```