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1 Main section

This part describes some information about stuff.

1.1 A specific example

Suppose we want to do such and such. Then we can:

```
let empty : t =
  let coord_values = (Aux.range 0 9) in
  let coords =
    List.map (fun x -> List.map (fun y -> (x, y)) coord_values) coord_values
    |> List.concat
  in
  List.map Sq.empty coords

let square
  : t -> coord -> Sq.t
= fun board coord' ->
  let square_with_coord Sq.{coord} = (coord = coord') in
  List.find square_with_coord board

let select_square
  : coord -> t -> (Sq.t * t)
= fun coord board ->
  let square = square board coord in
  (square, List'.remove board square)
```

And that's how we would!