

A tour of Nix

30 / 35 Reimplementation: reverseList

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Use `fold` to implement the `reverseList` function.

Note: You basically implement the function `lib.reverseList`. Your function should behave exactly the same!

Note: See video [@youtube](#)

```
1 with import <nixpkgs> { };
2 let
3   listOfNumbers = [2 4 6 9 27];
4   reverseList = lib.fold XXX;
5 in
6 rec {
7   example = lib.reverseList listOfNumbers;
8   result = reverseList listOfNumbers;
9 }
10
```

[reset](#)[solution](#)[run](#)

```
with import <nixpkgs> { };
let
  listOfNumbers = [2 4 6 9 27];
  reverseList = lib.fold (e: acc: acc ++ [ e ]) [];
in
rec {
  example = lib.reverseList listOfNumbers;
  result = reverseList listOfNumbers;
}
```