Forritunarmál Hópverkefni 2

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5. september 2024

```
1
```

```
2
```

```
3
```

```
(define (product x)
  (define (producthelp x y)
   (if (null? x)
       (producthelp (cdr x) (* y (car x)))
   )
  (producthelp x 1)
(product '(1 2 3))
(product '())
> (define (product x)
  (define (producthelp x y)
    (if (null? x)
         (producthelp (cdr x) (* y (car x)))
  (producthelp x 1)
(product '(1 2 3))
(product '())
6
```

```
4
```

```
(define (myappend x y)
    (if (null? x)
        y
        (myappend (remove-last x) (cons (last x) y))
    )
    (myappend '(1 2 3) '(1 2))

> (define (myappend x y)
    (if (null? x)
        y
        (myappend (remove-last x) (cons (last x) y))
        )
        )
        (myappend '(1 2 3) '(1 2))

(myappend '(1 2 3) '(1 2))
```