

# Data last pattern

```
const names = ['Alonzo Church', 'Haskell Curry', 'Alan Turing']
```

```
const join = curry((glue, xs) => xs.join(glue))
```

```
const split = curry((sep, s) => s.split(sep))
```

```
const map = curry((fn, xs) => xs.map(fn))
```

```
const tail = xs => xs[xs.length - 1]
```

```
const toLower = s => s.toLowerCase()
```

```
const fn = compose(
```

```
  join(' '),
```

```
  map(toLower),
```

```
  map(tail),
```

```
  map(split(' '))
```

```
)
```

```
console.log(fn(names)) // alonzo-haskell-alan
```

# Data last pattern

```
const join = curry((xs, glue) => xs.join(glue))
const split = curry((s, sep) => s.split(sep))
const map = curry((xs, fn) => xs.map(fn))
const toLower = s => s.toLowerCase()
```

```
const fn = compose(
  xs => join(xs, ' '),
  xs => map(xs, toLower),
  xs => map(xs, tail),
  xs => map(xs, s => split(s, ' '))
)
```