DECLARATIVE

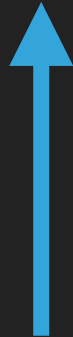# IMPERATIVE

```
const onlyEvens = (list: number[]) ⇒
  list.filter(num ⇒ num % 2 ≡≡ 0);
```
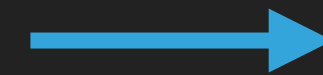
```
function onlyEvens(list: number[]) {
  const evens: number[] = [];

  for (let i = 0; i < list.length; i++) {
    if (list[i] % 2 ≡≡ 0) {
      evens.push(list[i]);
    }
  }

  return evens;
}
```

DECLARATIVE

IMPERATIVE

```typescript
const onlyEvens = (list: number[]) ⇒
  list.filter(num ⇒ num % 2 ≡ 0);
```
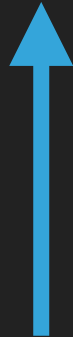
```typescript
function onlyEvens(list: number[]) {
  const evens: number[] = [];

  for (let i = 0; i < list.length; i++) {
    if (list[i] % 2 ≡ 0) {
      evens.push(list[i]);
    }
  }

  return evens;
}
```