DECLARATIVE

▸ Describes the intended outcome

▸ Implementation is up to the computer

▸ Generally less performant*

▸ State management is delegated

▸ More abstraction

▸ More pure

IMPERATIVE

▸ The steps to reach the outcome

▸ Implementation is up to the programmer

▸ Generally faster*

▸ Emphasis on mutation of state

▸ More control

▸ More flexible

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;
}
```