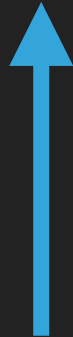
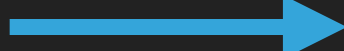


DECLARATIVE

```
const onlyEvens = (list: number[]) =>  
  list.filter(num => num % 2 === 0);
```

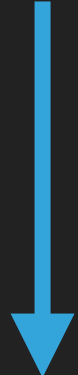


IMPERATIVE



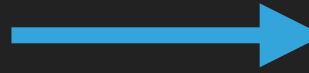
```
function onlyEvens(list: number[]) {  
  const evens: number[] = [];  
  
  for (let i = 0; i < list.length; i++) {  
    if (list[i] % 2 === 0) {  
      evens.push(list[i]);  
    }  
  }  
  
  return evens;  
}
```

DECLARATIVE



```
const onlyEvens = (list: number[]) =>
  list.filter(num => num % 2 === 0);
```

IMPERATIVE



```
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;
}
```