

Arrow Functions Exercise

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Reference: SpringBoard solution

In this exercise, you'll refactor some ES5 code into ES2015.

ES5 Map Callback

```
function double (arr) {  
  return arr.map( function (val) {  
    return val * 2;  
  });  
}
```

ES2015 Arrow Functions Shorthand

Refactor the above code to use two arrow functions. Turn it into a one-liner.

```
/* Write an ES2015 Version */
```

```
const doubled = arr => arr.map(val => val *2);
```

Refactor the following function to use arrow functions:

Replace ALL functions with arrow functions:

```
function squareAndFindEvens(numbers){  
  var squares = numbers.map( function (num){  
    return num ** 2;  
  });  
  var evens = squares.filter( function (square){  
    return square % 2 === 0;  
  });  
  return evens;  
}
```

```
const squaredAndFindEvens = ((numbers) => {  
  let squares = numbers.map((num) =>{
```

```
        return num **2;
    });
    let evens = squares.filter((square) => square % 2 === 0;
})

//The answer from Arrow functions Solutions
const squareAndFindEvents = numbers => numbers.map(val => val**2)
.filter(square => square % 2 ===0)
```