Arrow Function Challenges

Challenge 1

Convert the following function into an arrow function expression.

```javascript
function greeting(fname, lname) {
    return `Hello ${fname} ${lname}`;
}
```

Example Usage:

```javascript
console.log(greeting('Jose', 'Garcia'));
```

Challenge 1 Answer

Did you get this?

```
const greeting = (fname, lname) => `Hello ${fname} ${lname}`;
```

Example Usage:

```
console.log(greeting('Jose', 'Garcia'));
```

Challenge 2

Convert the following function into an arrow function expression.

```
function square(x) {
    return x * x;
}
```

Example Usage:

```
console.log(square(2));
//4
```

Challenge 2 Answer

Did you get this?

```
const square = x => x * x;
```

Example Usage:

```
console.log(square(2));
//4
```

Challenge 3

Convert the following function into an arrow function expression.

```
function largestNum(num1, num2) {
    return num1 > num2 ? num1 : num2;
}
```

Example Usage:

```
console.log(largestNum(45, 22));
//45
```

Challenge 3 Answer

Did you get this?

```javascript
const largestNum = (num1, num2) => num1 > num2 ? num1 : num2;
```

Example Usage:

```javascript
console.log(largestNum(45, 22));
//45
```

Challenge 4

Convert the callback function into an arrow function.

```javascript
const animals = ['llama', 'chicken', 'dog',
'cat'];

animals.forEach(function (eachAnimal) {
    const upperCase = eachAnimal.toUpperCase();
    console.log(upperCase);
});
```

Challenge 4 Answer

Did you get this?

```
const animals = ['llama', 'chicken', 'dog', 'cat'];

animals.forEach(eachAnimal => {
    const upperCase = eachAnimal.toUpperCase();
    console.log(upperCase);
});
```

Challenge 5

Convert the callback function into an arrow function.

Try to get two lines: One for the creation of the array and one for the console log call.

You might want to look up the reduce method on the MDN website.

```javascript
const scores = [5, 10, 15, 20];

function totals(accumulator, curValue) {
    return accumulator + curValue;
}

console.log(scores.reduce(totals));
//50
```

Challenge 5 Answer

Did you get this?

```javascript
const scores = [5, 10, 15, 20];

console.log(scores.reduce((accumulator, curValue) => accumulator + curValue));
//50
```