

Tutorial 1 : ES6 and react

1. Rewrite the following function to use `async` and `await`.

```
const weather = new Promise(  
  function (resolve, reject) {  
  
    if (Math.random() > 0.59) {  
      resolve("Temp greater than 60 degrees ");  
    } else {  
      reject("it's cold");  
    }  
  }  
);
```

2. Use `ascnc.await` and the `fetch` API generate random quotes from the following API
`fetch('https://dummyjson.com/quotes/1')`

higher-order functions

```
const numbers = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10];
```

3. Using the `filter()` function create a new array from the numbers array that includes only the elements that are odd numbers.
4. Use the `reduce` function to determine a total book cost from the array below.
5. Filter out from the following array all books greater than ten euros.

```
var books = [{  
  title: "JavaScript Objects",  
  author: "Fred Flintstone",  
  price: 9.99  
},  
{  
  title: "Node.js for cavemen",  
  author: "Barney Rubble",  
  price: 21.99  
},  
{  
  title: "Node.js in Five minutes",  
  author: "Mary Smity",  
  price: 11.99  
}  
];
```

6. Deconstruct the following array to display the first and fourth numbers

```
const numbers = [1, 2, 3, 4];
```

7. Deconstruct the following object to display name and age in the browser

```
const person = { name: 'Joe Bloggs', age:23 };
```

8. Using the code in movie2.json write a function that uses the spread operator to display the movie title and actors.
9. Using the `Movie2.json` data file, write a react movie component to display the movie title, year-released, rated and director details for three movies.