NodeJS Course

Session 3 - async

Async JavaScript

- Governs how we perform tasks which take some time to complete (e.g. getting data from the internet or the database)

Start something now and finish later
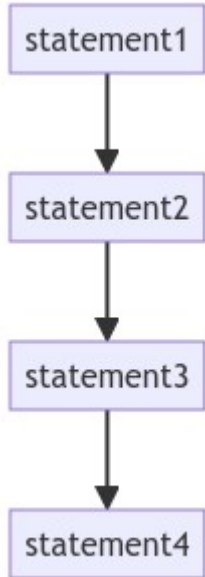
Synchronous JavaScript

- JavaScript can run **one** statement at a time

```
console.log("line one");
console.log("line two");
console.log("line three");
```

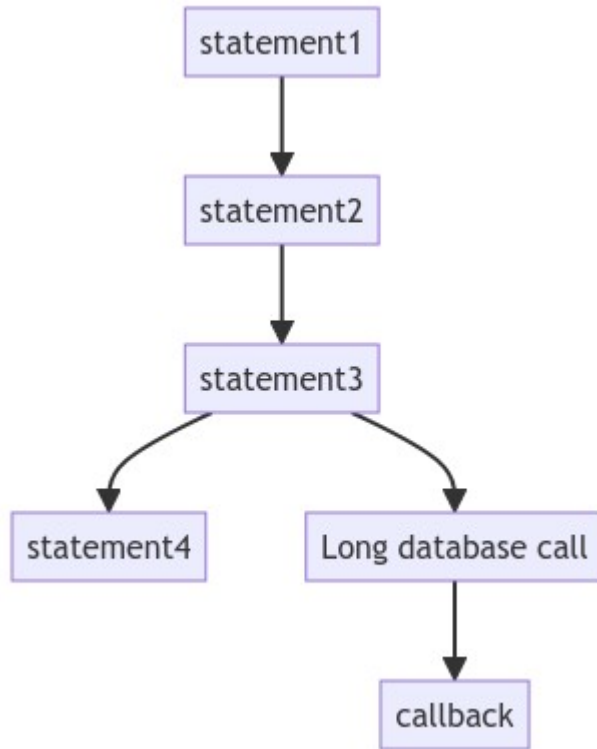- if a statement takes long, it blocks the code from running

Single Threaded

Async to the rescue

Start something now and finish later

Example

```
console.log(1);
console.log(2);

setTimeout(() => {
  console.log("callback function fired");
}, 2000);

console.log(3);
console.log(4);
```

Thank you

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