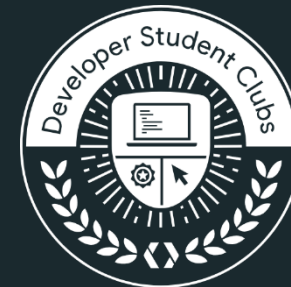


Web Study Jams - Session 3



DSC
VIT Vellore

Recap

- Basic JS
- Looping concepts
- Functions
- DOM
- Event listeners

What is callback?

- **Simply put:** A callback is a function that is to be executed **after** another function has finished executing — hence the name 'call back'.
- Callbacks are a way to make sure certain code doesn't execute until other code has already finished execution.

```
function first(){  
  console.log(1);  
}
```

```
function second(){  
  console.log(2);  
}
```

```
first();  
second();
```

```
function first(){  
  setTimeout(function(){  
    console.log(1);  
  }, 500 );  
}
```

```
function second(){  
  console.log(2);  
}
```

```
first();  
second();
```

Why do we need callbacks?

- For one very important reason — JavaScript is an event driven language. This means that instead of waiting for a response before moving on, JavaScript will keep executing while listening for other events.

Make a simple callback

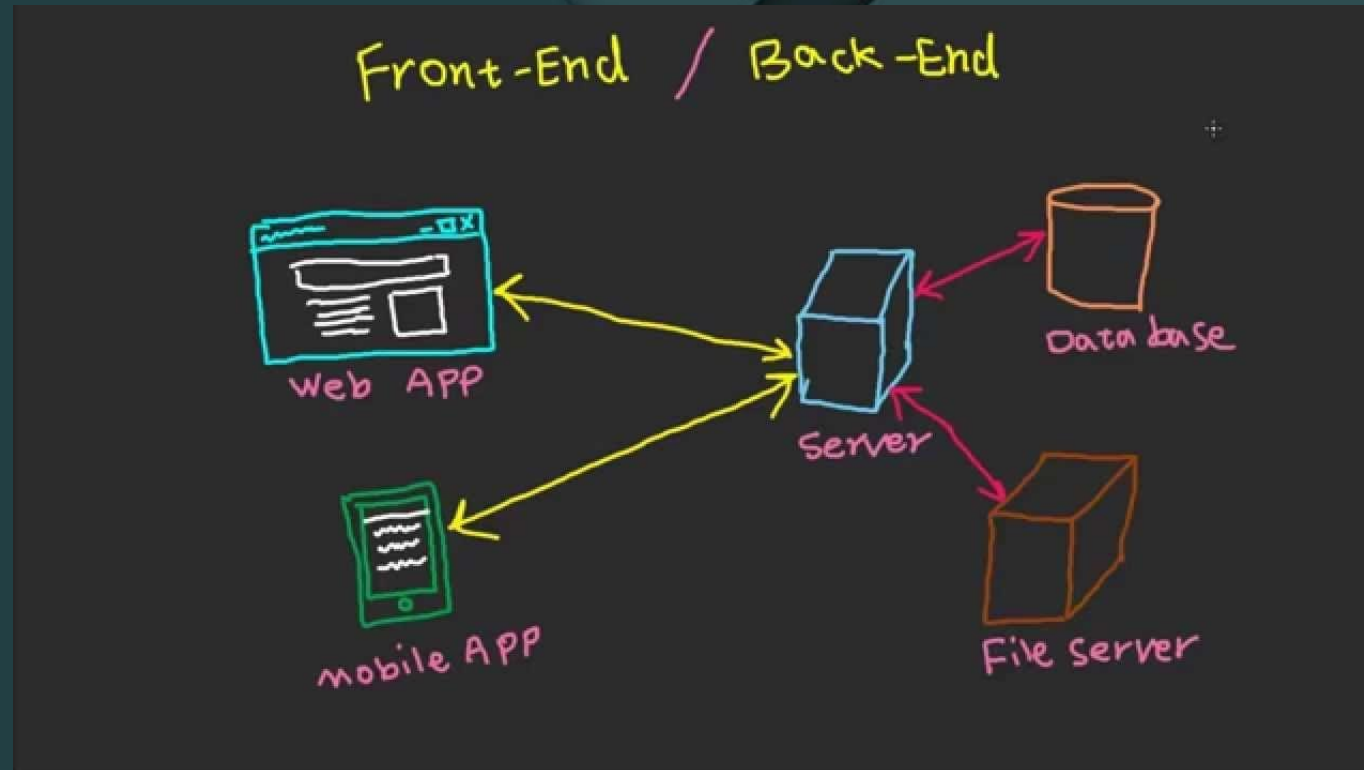
```
function cook(food, callback){  
  console.log('Cooking '+food);  
  callback(food);  
}  
function serve(food){  
  console.log('Serving '+ food);  
}  
cook('pizza',serve)
```

ACTIVITY - 1

REACTION TESTER

API

- An application programming interface (API) is a set of protocols, routines, functions and/or commands that programmers use to develop software or facilitate interaction between distinct systems.



ACTIVITY -2

RANDOM JOKES GENERATOR

<http://www.icndb.com/api/>

FRAMEWORKS

- BOOTSTRAP
- MATERIALIZE CSS