

# May the AI be with you

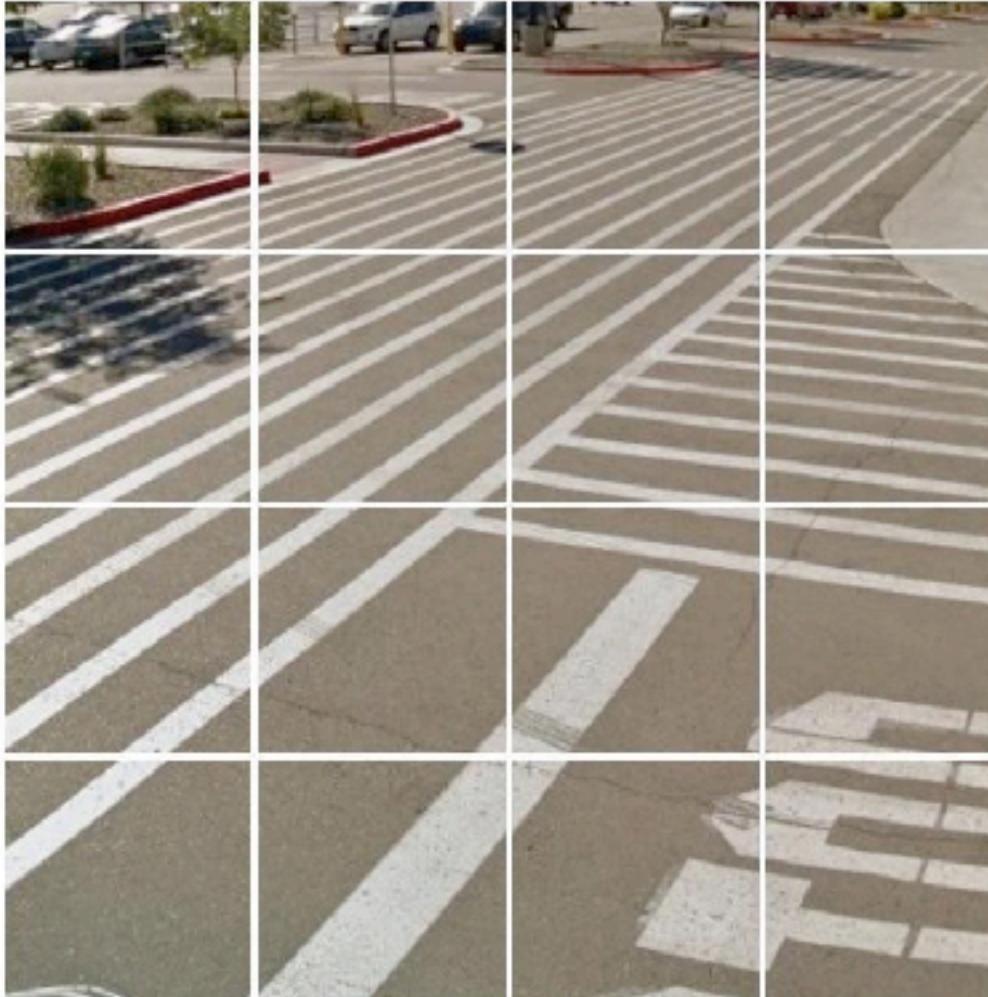


# Who is this guy

- Rene Pot
- Freelance Senior Developer Advocate
- Human

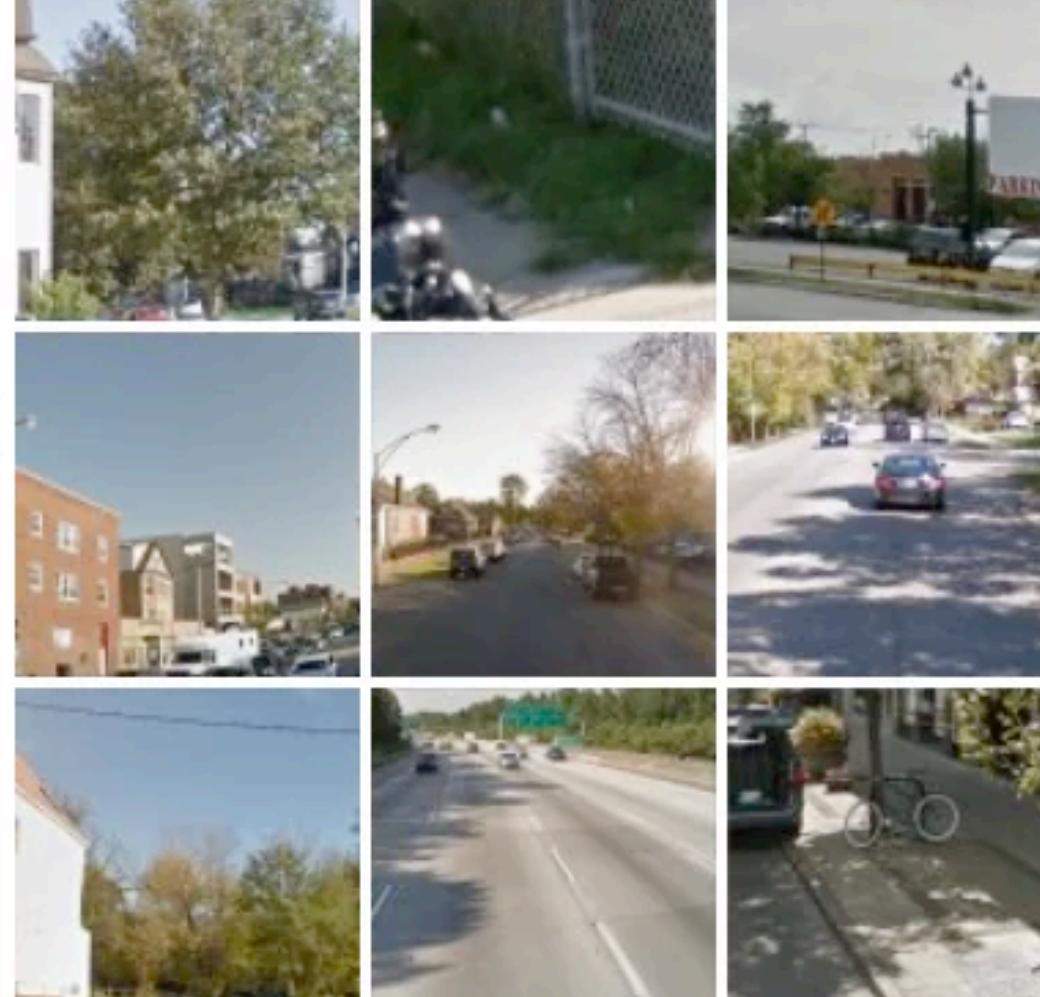


Select all squares with  
**crosswalks**  
If there are none, click skip



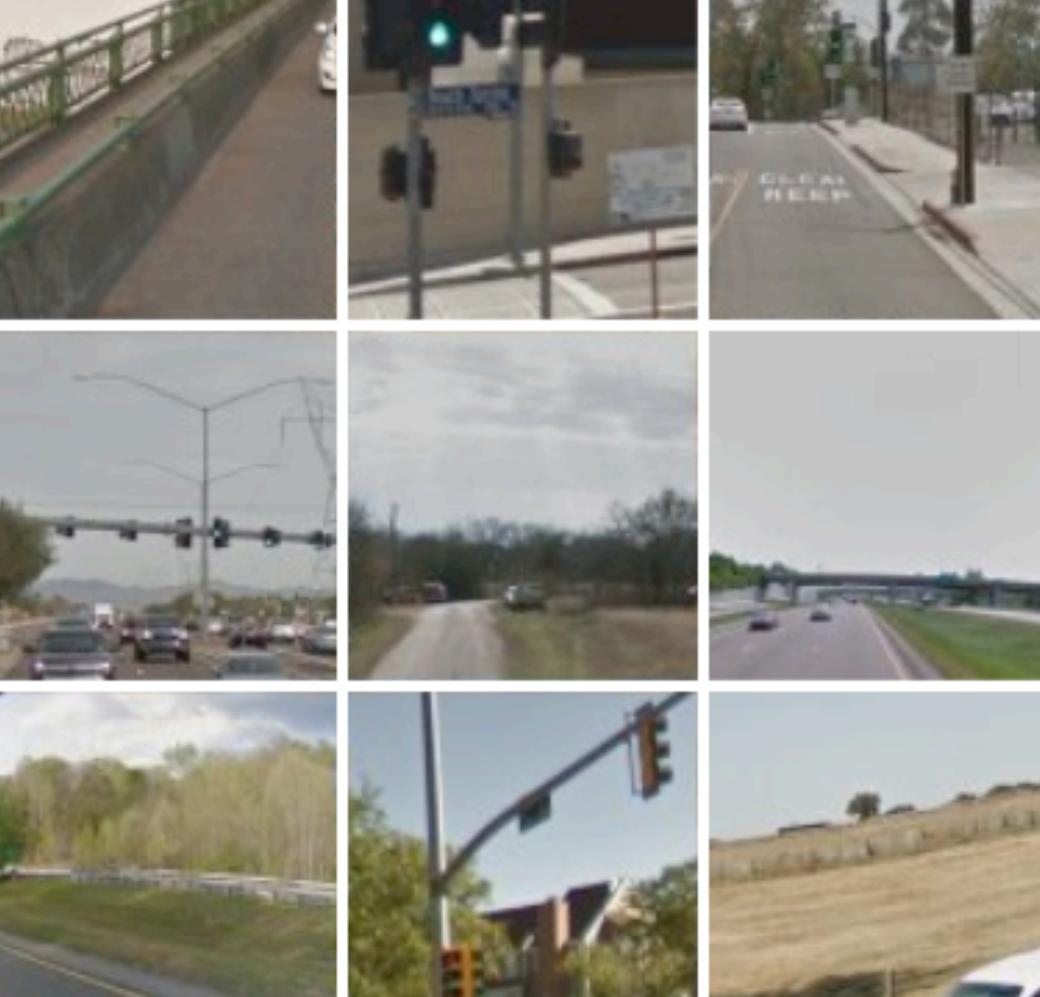
**SKIP**

Select all images with  
**crosswalks**  
Click verify once there are none left.



**VERIFY**

Select all images with a  
**bus**  
Click verify once there are none left.



**VERIFY**

# Who is this guy

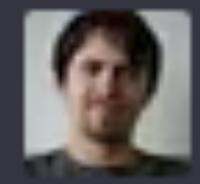
- Rene Pot
- Freelance Senior Developer Advocate
- Human
- JavaScript Developer



Let's talk to ChatGPT

# Warning

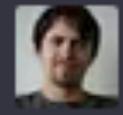
ChatGPT can and will lie!



What would you say to a crowd of people meeting you for the first time



Hello everyone, I am ChatGPT, an AI language model created by OpenAI. I'm here to answer questions and provide information on a variety of topics. How can I assist you today?



Can you write that in JavaScript?

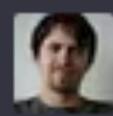


Sure, here is an example of that same greeting implemented as a function in JavaScript:

javascript

Copy code

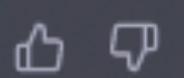
```
function greet() {  
    let greeting = "Hello everyone, I am ChatGPT, an AI language model created by OpenAI.";  
    let purpose = "I'm here to answer questions and provide information on a variety of topics.";  
    let question = "How can I assist you today?";  
  
    return greeting + "\n" + purpose + "\n" + question;  
}  
  
console.log(greet());
```



can you give me JSDoc for that?



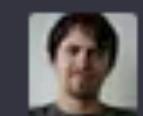
Certainly! Here's the JavaScript documentation (JSDoc) for the `greet` function:



javascript

Copy code

```
/**  
 * Returns a greeting and purpose statement for ChatGPT, an AI language model created by OpenAI.  
 *  
 * @returns {string} The greeting and purpose statement for ChatGPT.  
 */  
function greet() {  
    let greeting = "Hello everyone, I am ChatGPT, an AI language model created by OpenAI.";  
    let purpose = "I'm here to answer questions and provide information on a variety of topics."  
    let question = "How can I assist you today?"  
  
    return greeting + "\n" + purpose + "\n" + question;  
}
```



Can you add a way to enter a person's name into the greeting?



Certainly! Here's an updated version of the function that takes a person's name as an argument and includes it in the greeting:

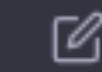
javascript

Copy code

```
/**  
 * Returns a personalized greeting and purpose statement for ChatGPT, an AI language model created by OpenAI.  
 *  
 * @param {string} name - The name of the person to include in the greeting.  
 * @returns {string} The personalized greeting and purpose statement for ChatGPT.  
 */  
function greet(name) {  
    let greeting = `Hello ${name}, I am ChatGPT, an AI language model created by OpenAI.`;  
    let purpose = "I'm here to answer questions and provide information on a variety of topics.";  
    let question = "How can I assist you today?";  
  
    return greeting + "\n" + purpose + "\n" + question;  
}
```



now I want you to alter the greeting to represent Yoda saying it



Certainly! Here's an updated version of the function that includes Yoda's distinctive speech style:

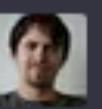


javascript

Copy code

```
/*
 * Returns a personalized greeting and purpose statement for Yoda, represented as ChatGPT, an AI language model created by OpenAI.
 *
 * @param {string} name - The name of the person to include in the greeting.
 * @returns {string} The personalized greeting and purpose statement for Yoda.
 */
function greet(name) {
  let greeting = `Hello there, ${name}, I am Yoda, represented as ChatGPT, an AI language model created by OpenAI.`;
  let purpose = "Yes, hmmm, here to answer questions and provide information, I am.";
  let question = "Assist you, how may I?";

  return greeting + "\n" + purpose + "\n" + question;
}
```



I'm gonna need this function as a react component, can you do that?



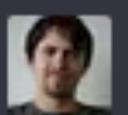
Certainly! Here's an example of how you could implement the greeting as a React component:

javascript

Copy code

```
import React from 'react';

/**
 * Returns a personalized greeting and purpose statement for Yoda, represented as ChatGPT, an AI language model created by OpenAI.
 *
 * @param {string} name - The name of the person to include in the greeting.
 * @returns {string} The personalized greeting and purpose statement for Yoda.
 */
function Greeting(props) {
  return (
    <div>
      <p>Hello there, {props.name}, I am Yoda, represented as ChatGPT, an AI language model created by OpenAI.</p>
      <p>Yes, hmmm, here to answer questions and provide information, I am.</p>
      <p>Assist you, how may I?</p>
    </div>
  );
}
```



how do I import this component from another component?



You can import the component in another component like this:



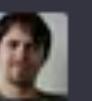
javascript

Copy code

```
import React from 'react';
import Greeting from './Greeting';

function AnotherComponent() {
  return (
    <div>
      <Greeting name="Luke"/>
    </div>
  );
}
```

In this example, the `AnotherComponent` is importing the `Greeting` component from a file called `Greeting.js`. The imported component can then be used in the render method of `AnotherComponent` by using the component name as a tag, in this case `<Greeting />`. The component can also accept props, as demonstrated in this example with the `name` prop.



I am getting this error:

```
export 'default' (imported as 'Greeting') was not found in './Greeting' (module has no exports)
```



This error is indicating that the module you are trying to import, `./Greeting`, doesn't have a default export. In the previous example, you need to add the default export to the `Greeting` component in `Greeting.js` like this:

javascript

Copy code

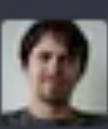
```
import React from 'react';

/**
 * Returns a personalized greeting and purpose statement for Yoda, represented as ChatGPT, an AI language model created by OpenAI.
 *
 * @param {string} name - The name of the person to include in the greeting.
 * @returns {string} The personalized greeting and purpose statement for Yoda.
 */
function Greeting(props) {
  return (
    <div>
      <p>Hello there, {props.name}, I am Yoda, represented as ChatGPT, an AI language model created by OpenAI.</p>
      <p>Yes, hmmm, here to answer questions and provide information, I am.</p>
      <p>Assist you, how may I?</p>
    </div>
  );
}

export default Greeting;
```

With this change, you should now be able to import the `Greeting` component in another component using the code from my previous answer.

Add some styling!



can you add css to make the text appear like the star wars intro?



Sure! You can add some CSS styles to the component to make it look like the Star Wars intro:



javascript

```
import React from 'react';
import './Greeting.css';

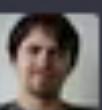
/**
```

And here's the CSS code that you would add to `Greeting.css`:

css

```
.greeting {
  font-family: monospace;
  font-size: 24px;
  color: yellow;
  text-shadow: 1px 1px black;
  text-align: center;
}

.name {
  color: white;
}
```



How do I make the app background black? I've used the "othercomponent" code and changed it to "app" instead previously

javascript

Copy code

```
import React from 'react';
import Greeting from './Greeting';
import './App.css';

function App() {
  return (
    <div className="app">
      <Greeting name="Luke"/>
    </div>
  );
}

export default App;
```

And in the `App.css` file:

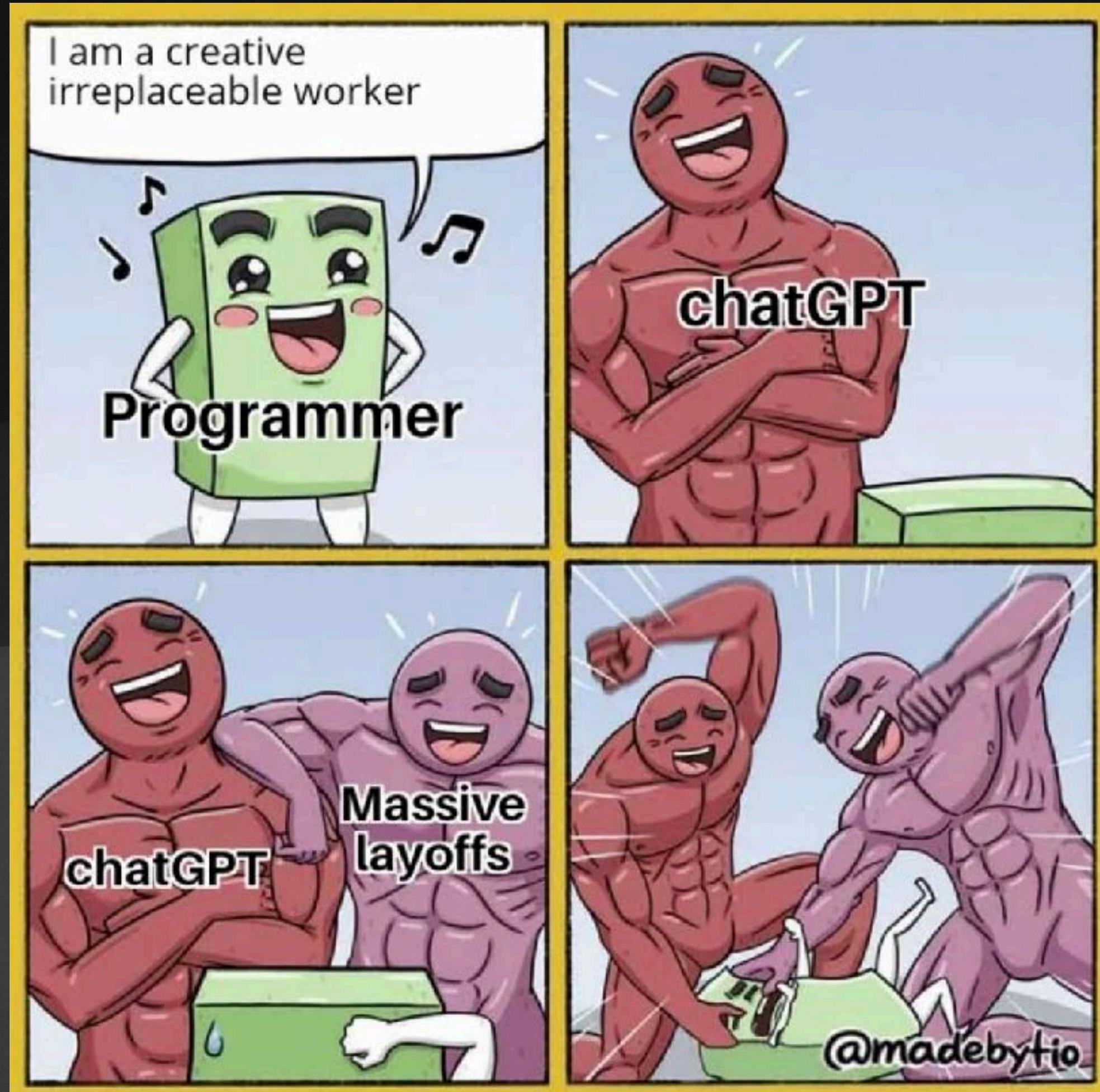
css

Copy code

```
.app {
  background-color: black;
  height: 100vh;
  display: flex;
  align-items: center;
  justify-content: center;
}
```

# The Result?

Hello there, Luke, I am Yoda, represented as ChatGPT, an AI language model created by OpenAI.  
Yes, hmmm, here to answer questions and provide information, I am.  
Assist you, how may I?



# A look into GitHub Copilot

```
✓ function randomStarWarsReferences() {  
✓   const references = [
```

```
function randomStarWarsReferences() {  
  const references = [  
    "May the force be with you.",  
    "I find your lack of faith disturbing.",  
    "Do. Or do not. There is no try.",  
    "In my experience, there is no such thing as luck.",  
    "Fear is the path to the dark side. Fear leads to anger. Anger leads to hate. Hate leads to suffering.",  
    "The greatest teacher, failure is.",  
    "Adventure. Excitement. A Jedi craves not these things.",  
    "Patience you must have, my young padawan.",  
    "Truly wonderful, the mind of a child is.",  
    "Always two there are, no more, no less. A master and an apprentice.",  
    "Size matters not. Look at me. Judge me by my size, do you?",  
    "Wars not make one great.",  
    "When 900 years old you reach, look as good you will not.",  
    "Always pass on what you have learned.",  
    "Difficult to see. Always in motion is the future.",  
  ]
```

You, 1 minute ago • Uncommitted changes

}

```
    return references[Math.floor(Math.random() * references.length)];
```

```
/*
function Greeting(props) {
  const starWarsReference = randomStarWarsReferences();
  return (
    <div className="greeting">
```

```
      <p>Assist you, how may I?</p>
      <p className="star-wars-reference">{starWarsReference}</p>
    </div>
```

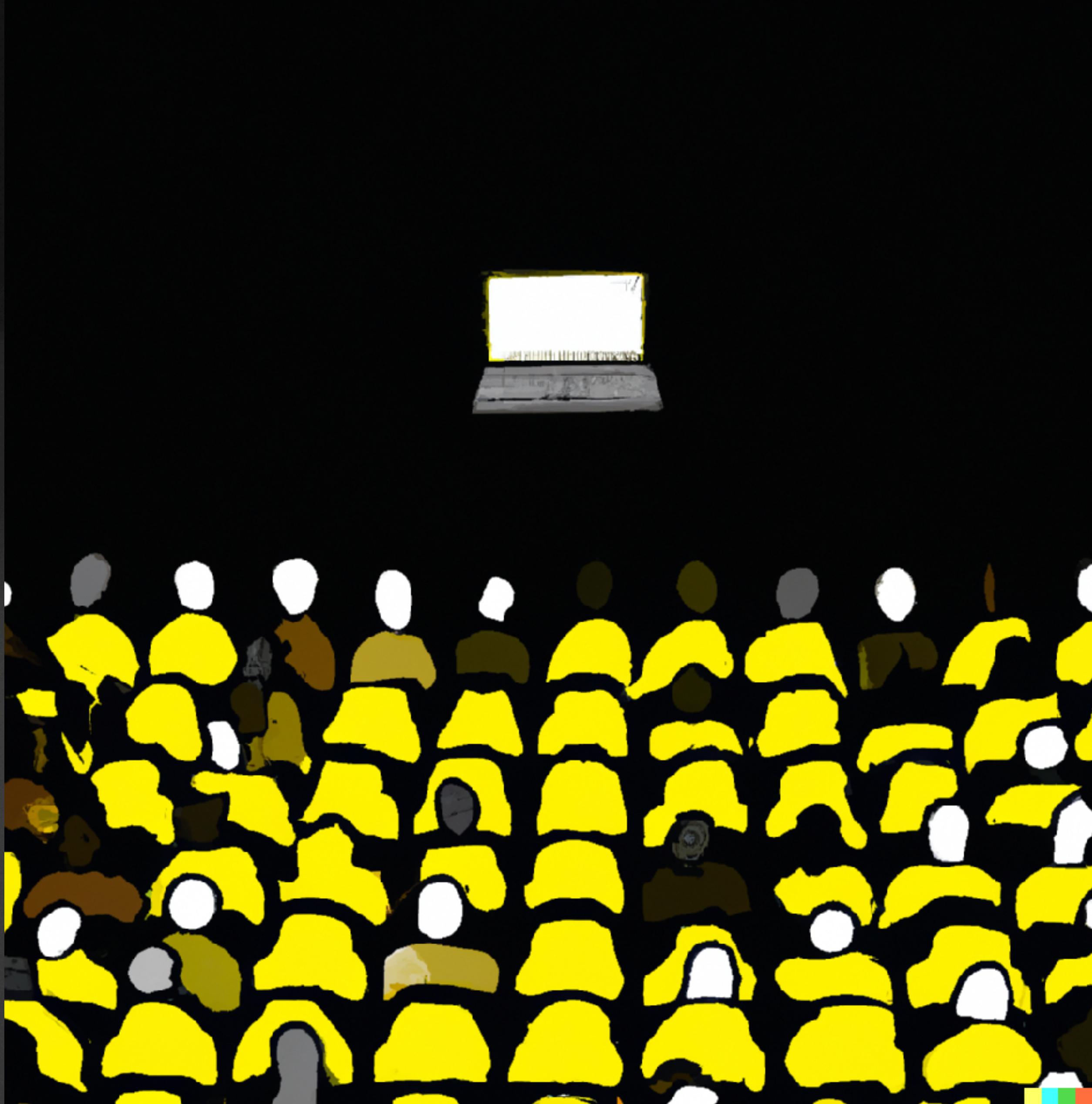
```
.star-wars-reference {
  font-size: 12px;
  color: white;
  text-align: center;
}
```

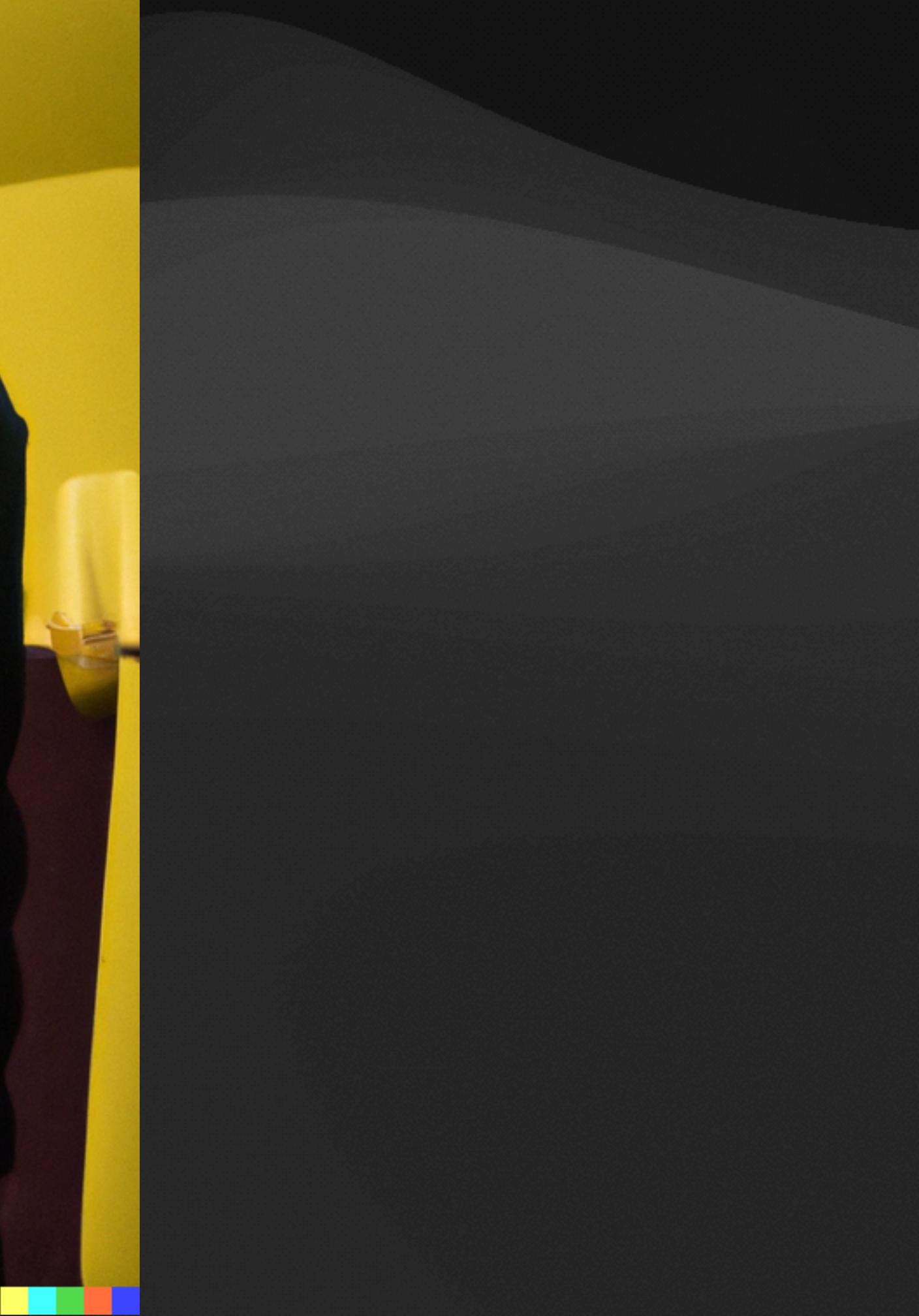
So how can I learn?

# So how can I learn?

- Paste git-diff files and let it explain what changed
- Paste entire files and let it explain what it does
- Un-minify code (or minify)
- Let it spot errors
- Rubber-ducking! (no more senior-devving!)
- Let it give you suggestions (mostly for brainstorming)

# How about Dall-E?





# Thanks!

