

Always Be Coding with ChatGPT

(just a test)

Table of Contents

1. Set up.....	1
2. Copy Code	1
3. Get the key – Your key will not work if you are not premium user (and this is OK)	1
4. Set up Key for your environment	1
5. Run the App – This will not work if you are not premium user (and this is OK)	2
6. Adjust the layout and code	2

1. Set up

- Create a new folder yourname_abc on your computer
- open and select it in VSC
- In upper menu choose Terminal -> new Terminal

2. Copy Code

- Run command:

`git clone https://github.com/openai/openai-quickstart-node.git`

3. Get the key – Your key will not work if you are not premium user (and this is OK for this assignment)

- Register and Log in into OpenAI API <https://platform.openai.com/account/api-keys>
- Create a new personal key
- Save the key in a plain document: sk-...

4. Set up Key for your environment

- Run on Terminal:

`cd openai-quickstart-node`

- then:

`cp .env.example .env`

- open .env file and put there your own personal key

Initially:

Do not share your OpenAI API key with anyone! It should remain a secret.

OPENAI_API_KEY=

- then (paste it as a String in quotes)

OPENAI_API_KEY= "yourKeyHere"

- Save all files

5. Run the App – This will work but functionality will not work if you are not premium user (and this is OK for this assignment)

- run:

npm install

then:

npm run dev

- Follow link: <http://localhost:3000>
 - Type in animal like "cat"

6. Adjust the layout (Look and Feel) and make code work (extra 10 points) of the App

- Find where in the code your layout/GUI is, and change **generate names to generate a joke or any other thing you want your application to provide.**
 - Adjust look and feel of the app (find where the colors and image are set up and adjust)
- Find function **generatePrompt(animal)** and analyze it. This is a plain English. . Pretty much you need to change the prompt to ChatGPT (this is prompt engineering, you can test your prompt manually with any chatbot). You can

copy generate.js page to chatGPT and ask it: "change this code to ask chatgpt to write a joke ",
copy-paste the file code

For example:

assign const to topic instead of animal

previously:

```
const topic = req.body.topic || '';
```

now

```
const topic = req.body.animal || '';
```

find

```
.main form {  
  display: flex;  
  flex-direction: column;  
  width: 320px;  
}
```

- increase width 500: under temperature add

max_tokens: 500 // Adjust this value as needed

change model: "text-davinci-003", to gpt-3.5-Turbo

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