Next JS – Open AI – Chatbot

Tech Stack:

* Next JS
* Type Script
* Tailwind CSS
* OpenAI Chat Completion API

Tutorial:

1. <https://www.youtube.com/watch?v=gbZTEfo7BBo> (Done)
2. <https://www.youtube.com/watch?v=bx0oryJCpSk>

Sequence:

1. Create Project Directory (Practiced using Git Bash)
2. Create Next JS Project (npx create-next-app@latest) with normal settings
3. Create React – Icons (npm i react-icons)
4. Created ChatBot Component
5. Created a use-effect hook with use client. (Learn more)
   1. Importing useState
   2. This is done for conditional rendering
6. Created a component for ChatBot Message.

Notes:

* Main page is page.tsx and to simplify the process we can delete everything in between the main tags
* Create components directory to store all components and then create the folder for separate components like ChatBot
  + Note the difference between rafc, rafce and creating components like export default function Name() { return ….. }
  + Note that the components we created needs to be called on the page.tsx to be displayed on the app.
  + Note that by default in Next JS react hooks are server components so we have to tell Next JS that it is a client component mentioning **use client**.
  + We used conditioning rendering based on the value of useState. If its sets to true it returns the divs or nothing! An arrow function alters the value of the useState so that it can create the toggle effect.
* Layout.tsx contains the meta data like title and others.