

Complete the following assignment and push your file to GitHub for reviewing by the instructor.

The homework assignments for the next few lectures will be inter-connected. By the end of JavaScript part 2, you will have developed a fully functional chatbot. These assignments will build on the previous week's assignment, therefore, **it is very important that you complete the assignment in a timely manner (i.e. by the due date).**

CHATBOT PART 4

In this assignment, you will continue building your chatbot. As you progress through the remaining JavaScript weeks, you will add more and more functionality to the chatbot!

Please use the code from the previous week you created. Your task, outlined below, will be to write the JavaScript portion to make the chatbot more functional and interactive. **REMEMBER to add comments to your complex code, describing what it does!**

1. Make your bot show a funny picture of a dog!
 - Use this API: <https://dog.ceo/api/breeds/image/random> to do the following:
 - i. Write a function that will:
 1. Parse the link
 2. Display the image from the link
 - ii. Create an interface with your bot, that when you type "Show me a dog" it will randomly show you a dog
2. Let's make your bot set an alarm!
 - We want to set an alarm. Let's just hardcode the time for now as 2 seconds.
 - i. Write a function delayedAlert()
 - ii. Have a Javascript Alert display a message saying "Did you forget about me? It's your friend, the Alarm!", inside your delayedAlert() function
 - iii. Create an interface with your bot, that when you type "Set an alarm", the delayedAlert() function is called, and we see the popup alert message

BONUS

Add an interface to the bot, such that, when you ask for a picture of a cat, it will output a cat as well. What happens if you type cat and dog in the same sentence and enter it in the bot? Try to think about this "edge case" and solve for it.

BONUS #2

Make your alarm modular - that is, find a way to change the alarm length based off the user's input.

SUBMISSION

Before submitting your assignment, remember to organize your code according to the best practices for structuring code files, as explained in the class. This means:

- HTML, CSS, and JS code should be in separate files
- All files should be organized into their respective folders

EVALUATION

When evaluating this assignment, we will be looking for:

- Proper code formatting
- Correct structuring of code files
- Descriptive comments within code
- Functionality of the chatbot (if it's working or not)