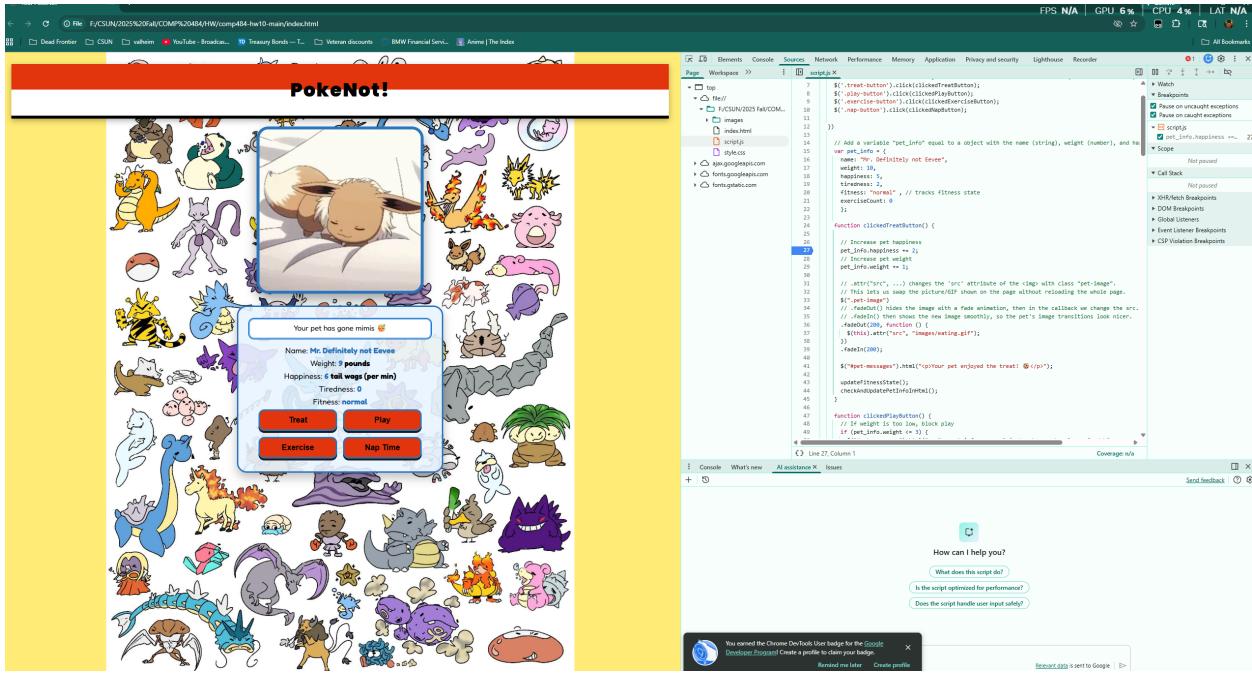


Chrome dev Commands

Debugging java script tool :



1. Here I just open the dev tools on my current page

Screenshot of the Chrome DevTools Sources tab showing the script.js file. The code is annotated with comments explaining its functionality.

```

18 // happiness: 16,
19 // tiredness: 2,
20 // fitness: "normal" , // tracks fitness state
21 // exerciseCount: 0
22 }
23
24 function clickedTreatButton() {
25
26     // Increase pet happiness
27     pet_info.happiness += 2;
28     // Increase pet weight
29     pet_info.weight += 1;
30
31     // .attr("src", ...) changes the 'src' attribute of the <img> with class "pet-image".
32     // This lets us swap the picture/GIF shown on the page without reloading the whole page.
33     $(".pet-image")
34         // Object
35         // .attr("src", ...) changes the 'src' attribute of the <img> with class "pet-image".
36         // This lets us swap the picture/GIF shown on the page without reloading the whole page.
37         // ion, then in the callback we change the src.
38         // so the pet's image transitions look nicer.
39         // name: "Mr. Definitely not Eevee"
40         // tiredness: 2
41         // weight: 9
42         // $([Object])
43         // update stats
44         // check if hungry
45
46     function treat() {
47
48         if (pet_info.weight <= 3) {
49             $("#pet-messages").html("<p>" + pet_info.name + " is too hungry to play - feed him some more
50             return; // stop here, do not update stats
51         }
52
53         // Block if too tired
54         if (pet_info.tiredness >= 12) {
55             $(".pet-image")
56                 .fadeOut(200, function () {
57                     $(this).attr("src", "images/tired.gif");
58                 })
59                 .fadeIn(200);
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```

The screenshot shows the Chrome DevTools Sources tab with the file `script.js` open. The code is a JavaScript script for a pet simulation game. A yellow box highlights the line `if (pet_info.weight <= 3) {`. The right sidebar shows the Breakpoints panel with the same line highlighted in yellow, indicating it is the current breakpoint. The status bar at the bottom indicates "Paused on breakpoint".

```

31 // .attr("src", ...) changes the 'src' attribute of the <img> with class "pet-image".
32 // This lets us swap the picture/GIF shown on the page without reloading the whole page
33 $(".pet-image")
34 // .fadeOut() hides the image with a fade animation, then in the callback we change the
35 // .fadeIn() then shows the new image smoothly, so the pet's image transitions look nice
36 .fadeOut(200, function () {
37 |   $(this).attr("src", "images/eating.gif");
38 | }
39 .fadeIn(200);
40
41 $("#pet-messages").html("<p>Your pet enjoyed the treat! 🎉</p>");
42
43 updateFitnessState();
44 checkAndUpdatePetInfoInHtml();
45
46
47 function clickedPlayButton() {
48   // If weight is too low, block play
49   if (pet_info.weight <= 3) {
50     $("#pet-messages").html("<p>" + pet_info.name + " is too hungry to play - feed him some food! </p>");
51     return; // stop here, do not update stats
52   }
53
54   // Block if too tired
55   if (pet_info.tiredness >= 12) {
56     $(".pet-image")
57     .fadeOut(200, function () {
58       |   $(this).attr("src", "images/tired.gif");
59     })
60     .fadeIn(200);
61
62     $("#pet-messages").html(
63       "<p>" + pet_info.name + " is too tired to play - let him rest! 😴</p>";
64     );
65     return;
66   }
67
68   // Increase pet happiness
69   pet_info.happiness += 3;
70   // Decrease pet weight
71   pet_info.weight -= 1;
72   // Increase tiredness
73   pet_info.tiredness += 1;

```

3. here I selected the breakpoint to be the if statement

The screenshot shows the Chrome DevTools Sources tab with the file `jquery.min.js` open. The code is the minified version of the jQuery library. A yellow box highlights the line `Promise.resolve().then(() => {`. The right sidebar shows the Breakpoints panel with the same line highlighted in yellow, indicating it is the current breakpoint. The status bar at the bottom indicates "Debugger paused".

```

const e = r();
return e && e.activationStart || 0
}
, a = (e, n) => {
  const a = r();
  let o = "navigate";
  return t() >= 0 ? o = "back-forward-cache" : a && (document.prerendering || i() > 0) ?
  {
    name: e,
    value: void 0 === n ? -1 : n,
    rating: "good",
    delta: 0,
    entries: [],
    id: `v4-${Date.now()}-${Math.floor(899999999999 * Math.random()) + 1e12}`,
    navigationType: o
  }
  , o = (e, t, n) => {
    try {
      if (PerformanceObserver.supportedEntryTypes.includes(e)) {
        const r = new PerformanceObserver(e => { e = PerformanceObserverEntryList {
          Promise.resolve().then(() => {
            t(e.getEntries())
          })
        }
      }
    }
  }

```

4. here I noticed that it was pausing on the jquery code rather than my own code

DOM:

The screenshot displays the 'PokeNot!' application interface and its corresponding DOM structure. The application features a central pet cage containing a brown Eevee, surrounded by a colorful background of various cartoon animals. The developer tools are open, showing the Elements, Styles, and Computed tabs.

Elements Tab:

```
<!DOCTYPE html>
<html>
  ... ><head> ... </head> == $0
  <body>
    <header>
      <h1> PokeNot! </h1>
    </header>
    <main> flex
      > <section class="pet-image-container"> ... </section> flex
      > <section class="dashboard"> ... </section>
    </main>
  </body>
</html>
```

Styles Tab:

```
element.style {
}
* {
  box-sizing: border-box;
  margin: 0;
  padding: 0;
}
head {
  display: none;
}
```

Computed Tab:

```
element.style {
}
* {
  margin: 0;
  border: 0;
  padding: 0;
}
head {
  user agent stylesheet
}
```

Box Model Diagram:

A detailed box model diagram is overlaid on the 'pet-image-container' element. It shows the element itself (blue), padding (green dashed), border (orange), and margin (yellow). The diagram illustrates how the 'margin: 0' and 'border: 0' properties affect the layout.

- here I took a sc of the dom tree that is going over the html page

```

    <div class="button-container" style="flex">
      <button class="treat-button"> Treat </button> == $0
      <button class="play-button"> Play </button>
      <button class="exercise-button"> Exercise </button>
      <button class="nap-button"> Nap Time </button>
    </div>
  </section>
</main>
</body>
</html>

```

html body main section.dashboard div.button-container button.treat-button

button

1 of 5

2. here I use the search function to find the button class

```

    <div class="button-container" style="flex">
      <button class="treat-button"> Treat </button> == $0
      <button class="play-button"> Play </button>
    </div>
    > $0
  <button class="treat-button"> Treat </button>
  >

```

3. here I searched for the \$0 value in the console to look for what would populate

```

<div id="pet-messages">
  <p>Mr. Definitely not Eevee is too hungry to exercise – feed him some more before making him do more!</p>
</div>

```

4. Here I edit the text in the dom

```

<p> == $0
  "Mr. Definitely not Eevee is too hungry to exercise – feed him some more before making him do more!"
</p>

<h3> == $0
  "Mr. Definitely not Eevee is too hungry to exercise – feed him some more before making him do more!"
</h3>

```

5. Here I change the header of this text from <p> to <h3>