

Bug

Happiness: 10

Add 3 to happiness when treat button is clicked

Happiness: 103

Result supposed to be 13 not 103

```
// Action functions
function clickedTreatButton() {
    pet_info.happiness += "3";
    pet_info.weight += 0.2;
    pet_info.energy += 0.5;
    updatePetState("treat");
}
```

Adding string "3" to pet_info.happiness

Break point and step into function

The screenshot shows a code editor with a line 74 highlighted, containing the assignment `pet_info.happiness += "3";`. To the right is a sidebar titled "Mouse" with several checkboxes: "auxclick", "click" (which is checked), "dblclick", "mousedown", and "mouseup". Below the code editor is a "Watch" panel containing the entry `typeof pet_info.happiness: "string"`.

```
72 // Action functions
73 function clickedTreatButton() {
74     pet_info.happiness += "3";
75     pet_info.weight += 0.2;
76     pet_info.energy += 0.5;
77     updatePetState("treat");
78 }
```

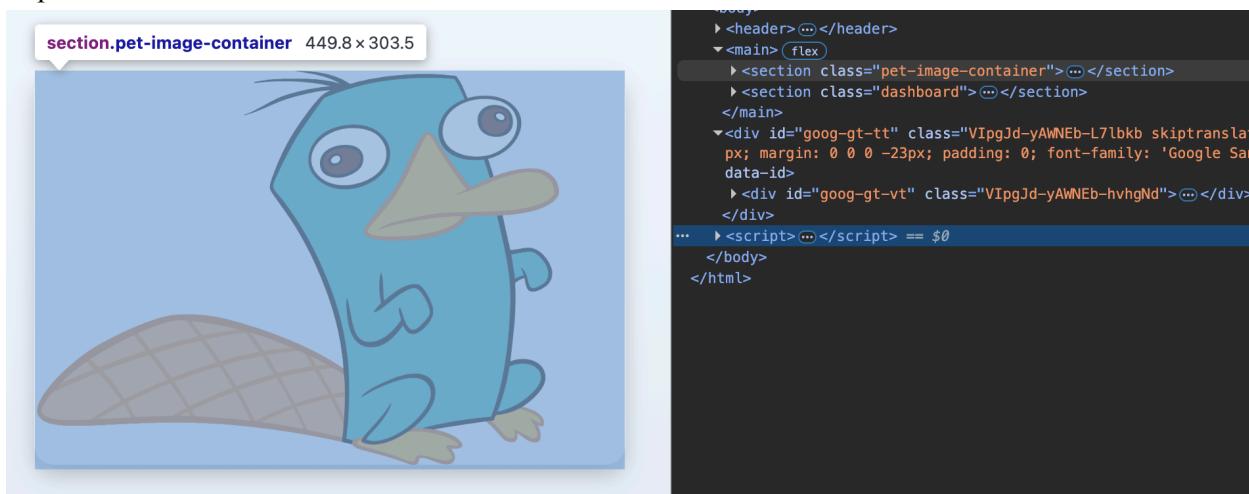
▼ Watch

typeof pet_info.happiness: "string"

Change string to int

```
72 // Action functions
73 ▼ function clickedTreatButton() {
74     pet_info.happiness += parseInt("3");
75     pet_info.weight += 0.2;
76     pet_info.energy += 0.5;
77     updatePetState("treat");
78 }
```

Inspect DOM



The screenshot shows a browser's developer tools with the DOM tab selected. A blue cartoon bird is displayed in a light blue rectangular container. A tooltip above the container shows the class name `section.pet-image-container` and its dimensions as `449.8 x 303.5`. To the right of the image, the DOM tree is visible, showing the following structure:

```
<body>
  <header>...</header>
  <main> (flex)
    <section class="pet-image-container">...</section>
    <section class="dashboard">...</section>
  </main>
  <div id="goog-gt-tt" class="VIpgJd-yAWEb-L7lbkb skiptranslate"
    style="margin: 0 0 0 -23px; padding: 0; font-family: 'Google Sans'; data-id=">
    <div id="goog-gt-vt" class="VIpgJd-yAWEb-hvhgNd">...</div>
  </div>
  ... > <script>...</script> == $0
</body>
</html>
```

Hovering over line highlights section on site.

Use `$0` to console log a DOM node

Name: **Perry**

Rename
Pet

Weight: **3.7 pounds**

Happiness: **10**

Energy: **5**

Treat

Play

Exercise

Nap



Name: **Perry**

Rename
Pet

Weight: **3.7 pounds**

Happiness: **10**

Energy: **5**

Treat

Play

Exercise

i wanna nap

```
> $0
<- <button class="nap-button">Nap</button>
> $0.textContent = 'i wanna nap';
<- 'i wanna nap'
>
```

Editing the DOM:

Before

```
<h1>This is your Giga Pet</h1> == $0
```

This is your Giga Pet

After

```
▼ <h2 id="title" style="background:deeppink"> == $0
  "This is your Pet "
  <br>
  <a href="https://www.youtube.com/watch?v=ZylSidJ9eC8">Come Home Perry</a>
</h2>
```

This is your Pet Come Home Perry