	When using this for help look at the blue highlighted parts for what was changed
1	SKIP THIS VIDEO
| 2 | **Do This:** <br> • Work with your partner to fix the HTML bugs so that none of the code is pink. <br> • Together, come up with one piece of debugging advice. <br><br> ▸ What are some examples of bugs? <br> ▸ Why does the code sometimes turn pink? <br> ▸ Why does HTML seem to work even when i[t] <br><br> ⊕ Add HTML   ⊕ Add CSS   ⊕ Add Image   ⊕ Version History   0MB of 20MB used <br><br> index.html <br><br> ```html
1  <!DOCTYPE html>
2  <html>
3    <head>
4    </head>
5    <body>
6      <p>OUR FAVORITE REASONS TO PAIR PROGRAM</p>
7      <p>CADIN'S REASONS</p>
8      <p>1. It is more fun to do stuff with a friend</p>
9      <p>2. It's convenient to ask questions</p>
10     <p>3. More cool ideas!</p>
11
12     <p>------------</p>
13
14     <p>NEVAEH'S REASONS</p>
15     <p>1. You don't get stuck as much</p>
16     <p>2. So much easier to debug.</p>
17     <p>3. You can talk while you are programming so it's more interesting.</p>
18   </body>
19 </html>
``` <br><br> OUR FAVORITE REASONS TO PAIR PROGRAM <br> CADIN'S REASONS <br> 1. It is more fun to do stuff with a friend <br> 2. It's convenient to ask questions <br> 3. More cool ideas! <br> ------------ <br> NEVAEH'S REASONS <br> 1. You don't get stuck as much <br> 2. So much easier to debug. <br> 3. You can talk while you are programming so it's more interesting. |
| 3 | **Do This:** <br> • Find the headings in the web page below and use the Inspector Tool to see the code that makes them. <br> • Make sure you and your partner agree on what the tags do. <br><br> ▸ What is an HTML tag? <br><br> Example <br> Viewing <br> Q1-22 HTML <br> View Teacher <br><br> ⊕ Add HTML   ⊕ Add CSS   ⊕ Add Image   ⊕ Version History   0MB of 20MB used     Inspector: Off <br><br> index.html <br><br> ```html
1  <!DOCTYPE html>
2  <html>
3    <head>
4    </head>
5    <body>
6      <h1> My Hobbies </h1>
7
8      <h2> Soccer </h2>
9      <h4> 5 years </h4>
10     <p>Soccer is an awesome sport because you get to
11     play on a team with all your friends. I love
12     challenge of learning new skills like headers
13     and corner kicks.</p>
14
15     <h2>Baking</h2>
16     <h4> 10 years </h4>
17     <p>I love baking because you put together all
18     these things that look simple and boring on
19     their own to make something magical and
20     delicious. I also love how baked things make
21     people happy. Sharing things I bake might be
22     the best part of it!</p>
23
24     <h2>Drawing</h2>
25     <h4>2 years</h4>
26     <p>On the weekend sometimes I got outside and try
27     to draw what I see. My favorite thing to draw
28     are buildings. </p>
29   </body>
30 </html>
``` <br><br> **My Hobbies** <br> **Soccer** <br> 5 years <br> Soccer is an awesome sport because you get to play on a team with all your friends. I love challenge of learning new skills like headers and corner kicks <br> **Baking** <br> 10 years <br> I love baking because you put together all these things that look simple and boring on their own to make something magical and delicious. I also love how things make people happy. Sharing things I bake might be the best part of it! <br> **Drawing** <br> 2 years <br> On the weekend sometimes I got outside and try to draw what I see. My favorite thing to draw are buildings. |

4	**Do This:** ▸ ▸ ▸

- Use the inspector tool to figure out what makes the headings different sizes
- Make sure you and your partner agree on what the different heading tags do.
- Change the tags so that the headings are in order from biggest to smallest, and the text says the correct size, as in the picture below.

⊕ Add HTML   ⊕ Add CSS   ⊕ Add Image   ⊙ Version History   0MB of 20MB used ▭▭▭

📝 index.html ▾

```
1  <!DOCTYPE html>
2  <html>
3    <head>
4    </head>
5    <body>
6      <h1>Biggest</h1>
7      <h2>Big</h2>
8      <h3>Medium Big</h3>
9      <h4>Medium Small</h4>
10     <h5>Small</h5>
11     <h6>Smallest</h6>
12    </body>
13  </html>
```

Biggest

Big

Medium Big

Medium Small

Small

Smallest

5	

Submit

○ Eggs / Bacon / **Waffles**

⦿ Eggs / **Bacon** / Waffles

○ Eggs / **Bacon** / Waffles

○ Eggs / Bacon / **Waffles**

Submit

6	Watch the Video: It is very Helpful

7	a:

What I expected to happen	What happened instead
Three paragraphs, one each on dogs, turtles, and birds	The turtle paragraph is missing

▸ What are some examples of bugs?
▸ Why does the code sometimes turn pink?
▸ Why does HTML seem to work even when it's broken?

Do this

- Find and fix the problem that is causing the bug

⊕ Add HTML   ⊕ Add CSS   ⊕ Add Image   ⊙ Version History   0MB of 20MB used ▭▭▭   ▸ Inspector

📝 index.html ▾

```
1  <!DOCTYPE html>
2  <html>
3    <head>
4    </head>
5    <body>
6      <h1>Choosing a Pet</h1>
7      <p>This page will help you choose between a dog, turtle, or a bird</p>
8      <h2>Dogs</h2>
9      <p>Dogs are the most work, but they are also the most fun.  You have to walk them every day, but they love you
         and will always play with you.</p>
10     <h2>Turtles</h2>
11     <p>Turtles can also be fun, but they don't play with you.  They will not make a mess of your room and they are
         quiet.</p>
12     <h2>Birds</h2>
13     <p>Birds kind of play with you, but they are a lot of trouble and might fly away or start flying all around
         your room and make a mess of it.</p>
14    </body>
15  </html>
```

Choosing a Pet

This page will help you choose between a dog, turtle, or a bird

Dogs

Dogs are the most work, but they are also the most fun. You have to walk them every day, but they love you and will always play

Turtles

Turtles can also be fun, but they don't play with you. They will not make a mess of your room and they are quiet.

Birds

Birds kind of play with you, but they are a lot of trouble and might fly away or start flying all around your room and make a mess

b:

▸ What are some examples of bugs?
▸ Why does the code sometimes turn pink?
▸ Why does HTML seem to work even when it's broken?

Do this

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⊕ Add HTML   ⊕ Add CSS   ⊕ Add Image   ⊘ Version History   0MB of 20MB used   ▭   ⬞ Inspector: O

✎ index.html ▾

```
1  <!DOCTYPE html>
2  <html>
3    <head>
4    </head>
5    <body>
6      <h1>Types of Chocolate</h1>
7      <p>This page will explain differences between milk, dark, and Ruby chocolate.</p>
8      <h2>Milk</h2>
9      <p>Milk chocolate is solid chocolate made with either liquid milk, powdered milk, or condensed milk. </p>
10     <h2>Dark</h2>
11     <p>Unlike milk chocolate, dark chocolate contains no milk in it, instead using more cocoa, giving it a darker
           color and making it more bitter.</p>
12     <h2>Ruby</h2>
13     <p>Ruby chocolate is made from a different cocoa bean altogether. It is made from the ruby cocoa bean, which
           has a red color and different flavor.</p>
14   </body>
15 </html>
```

Types of Chocolate

This page will explain differences between milk, dark, and Ruby chocolate.

Milk

Milk chocolate is solid chocolate made with either liquid milk, powdered milk, or condensed milk.

Dark

Unlike milk chocolate, dark chocolate contains no milk in it, instead using more cocoa, giving it a darker color and making it more b

Ruby

Ruby chocolate is made from a different cocoa bean altogether. It is made from the ruby cocoa bean, which has a red color and differ

c:

▸ What are some examples of bugs?
▸ Why does the code sometimes turn pink?
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Do this

- Find and fix the problem that is causing the bug.

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⊕ Add HTML   ⊕ Add CSS   ⊕ Add Image   ⊘ Version History   0MB of 20MB used   ▭   ⬞ Inspector: Off

✎ index.html ▾

```
1  <!DOCTYPE html>
2  <html>
3    <head>
4    </head>
5    <body>
6      <h1>The Life Cycle of a Frog</h1>
7      <p>This page will explain the different life stages of a frog.</p>
8      <h3>Eggs</h3>
9      <p>Frogs start off in eggs that float on the water in one big cluster that will soon hatch. </p>
10     <h3>Tadpole</h3>
11     <p>After hatching from the eggs, baby frogs, or tadpoles, have no legs and have a tail. They can only stay in
           the water. It is during this time they eat, grow, and develop lungs to go out of water.</p>
12     <h3>Froglet</h3>
13     <p>At this point, the tail is almost gone and the frog can go onto the water. It has developed two legs to
           move on land but it is still quite small.</p>
14     <h3>Adult</h3>
15     <p>The tail is completely gone and the frog is done growing. It can now eat insects rather than water plants
           The adult females will lay eggs to start the cycle all over again.</p>
16   </body>
17 </html>
```

The Life Cycle of a Frog

This page will explain the different life stages of a frog.

Eggs

Frogs start off in eggs that float on the water in one big cluster that will soon hatch.

Tadpole

After hatching from the eggs, baby frogs, or tadpoles, have no legs and have a tail. They can only stay in the water. It is during this time they eat, grow, lungs to go out of water.

Froglet

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Adult

The tail is completely gone and the frog is done growing. It can now eat insects rather than water plants The adult females will lay eggs to start the cycle again.

d:

▸ What are some examples of tags?
▸ Why does the code sometimes turn pink?
▸ Why does HTML seem to work even when it's broken?

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index.html

```
1  <!DOCTYPE html>
2  <html>
3    <head>
4    </head>
5    <body>
6      <h1>This article talks about different forms of transportation on land, sea, and air.</h1>
7      <h2>Land</h2>
8      <p>People are probably most familiar with land transportation. This includes cars, motorcycles, trains, and
         even horses! It was estimated that in 2018 over 70.5 million cars were produced worlwide.</p>
9      <h2>Sea</h2>
10     <p>People can travel across and under the sea. Large barges are used for moving cargo, while other boats are
         used for fun activties like sailing or cruises. Make sure you get your sea legs! </p>
11     <h2>Air</h2>
12     <p>Airplanes are probably the most common mode of air transportation. The Wright brothers invented the first
         successful airplane. Their first flight was only 59 seconds long, but today the longest flight possible is
         over 18 hours long!</p>
13   </body>
14  </html>
```

This article talks about different forms of transportation on land, sea, an

Land

People are probably most familiar with land transportation. This includes cars, motorcycles, trains, and even horses! It was estimated that in 2018 over 70. cars were produced worlwide.

Sea

People can travel across and under the sea. Large barges are used for moving cargo, while other boats are used for fun activties like sailing or cruises. Ma get your sea legs!

Air

Airplanes are probably the most common mode of air transportation. The Wright brothers invented the first successful airplane. Their first flight was only long, but today the longest flight possible is over 18 hours long!

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8 | Do This:

- Look through the content with your partner and decide what you think the best structure should be.
- Use your heading and paragraph tags to code the structure into the page.

▸ What are headings?
▸ How do I make different sized headings?
▸ What is HTML?
▸ What is an HTML element?
▸ What is an HTML tag?

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index.html

```
1  <!DOCTYPE html>
2  <html>
3    <head>
4    </head>
5    <body>
6      <h1>My Pets</h1>
7
8  <p>I have three different pets, and they are all my favorite for different reasons. I feed them and give them
     water every day, and even though it's a lot of work, they are totally worth it.</p>
9
10 <h2>Lula
11
12    Dog</h2>
13
14 <p>Lula's been my dog for two years, and she's really fun to play with.  I like to take her to the park.  Her
     favorite toy is an old tennis ball.</p>
15
16 <h2>Slowpoke
17
18    Turtle</h2>
19
20 <p>Slowpoke is my turtle.  I have had him for as long as I can remember, but he became mine for real when I turned
     10 because I promised to take care of him.</p>
21
22 <h2>Hamster
23
24    Fish</h2>
25
26 <p>Hamster is the name of my fish.  I named him hamster because I wanted a hamster and not a fish, but I like him
     anyway.  He basically just swims around all day, but I still like him.</p>
27
28   </body>
29  </html>
```

My Pets

I have three different pets, and they are all my favorite for different reasons. I feed them and give them water every day, and even though it's a lot of work, totally worth it.

Lula Dog

Lula's been my dog for two years, and she's really fun to play with. I like to take her to the park. Her favorite toy is an old tennis ball.

Slowpoke Turtle

Slowpoke is my turtle. I have had him for as long as I can remember, but he became mine for real when I turned 10 because I promised to take care of him.

Hamster Fish

Hamster is the name of my fish. I named him hamster because I wanted a hamster and not a fish, but I like him anyway. He basically just swims around all still like him.

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9 | a:

- Read the HTML and look for where the line break `<br>` code is used to separate the lines in the poem.
- Add two more line breaks to separate out the other lines in the poem.

Tip: The `<br>` tag is useful for writing addresses or poems.

⊕ Add HTML   ⊕ Add CSS   ⊕ Add Image   ⊘ Version History   0MB of 20MB used

📝 index.html

```
1  <!DOCTYPE html>
2  <html>
3    <head>
4    </head>
5    <body>
6      <h1>Web Poetry</h1>
7      <p>My web poem is nearly complete<br>
8        But my page isn't looking that neat<br>
9        I can't really brag<br>
10       'Til I have every tag<br>
11       But it's making my brain overheat! </p>
12     </body>
13  </html>
```

Web Poetry

My web poem is nearly complete
But my page isn't looking that neat
I can't really brag
'Til I have every tag
But it's making my brain overheat!

---

b:

- Read the HTML and look for where the `<hr>` code is used to add a horizontal rule in the web page.
- Add more horizontal rules to break up the page by theme.

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📝 index.html

```
1  <!DOCTYPE html>
2  <html>
3    <head>
4    </head>
5    <body>
6      <h1>This Amazing Place Called Earth</h1>
7      <p>We live on an awesome planet! And we're not alone - there are animals everywhere who live in unique places.
8      </p>
8      <hr>
9      <h2>Deserts</h2>
10     <p>The desert is the driest biome, and deserts receive less than 10 inches (25 centimeters) of rain per year.
         Desert animals learn to survive in harsh environments with very little water and large temperature changes.
       </p>
11     <h4>Some species: fennec fox, desert tortoise, camel</h4><hr>
12     <h2>Grasslands</h2>
13     <p>Every continent except Antarctica has grasslands, but they can have different names in each place. For
         example, in Africa they are called savannas, and in South America they are called pampas.</p>
14     <h4>Some species: zebra, bison, kangaroo</h4><hr>
15     <h2>Ocean</h2>
16     <p>Over 70 percent of Earth's surface is covered by oceans! Even though all the water is connected, scientists
         divide them into 5 different sections. Oceans help animals survive on Earth because they keep places from
         getting too hot or cold.</p>
17     <h4>Some species: whale, sea otter, blobfish</h4><hr>
18   </body>
19  </html>
```

This Amazing Place Called Earth

We live on an awesome planet! And we're not alone - there are animals everywhere who live in unique places.

Deserts

The desert is the driest biome, and deserts receive less than 10 inches (25 centimeters) of rain per year. Desert animals learn to survive in harsh environmen very little water and large temperature changes.

Some species: fennec fox, desert tortoise, camel

Grasslands

Every continent except Antarctica has grasslands, but they can have different names in each place. For example, in Africa they are called savannas, and in S America they are called pampas.

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Over 70 percent of Earth's surface is covered by oceans! Even though all the water is connected, scientists divide them into 5 different sections. Oceans hel survive on Earth because they keep places from getting too hot or cold.

Some species: whale, sea otter, blobfish

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c: Can Skip Click here to see all of the HTML Entities w3schools

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