

# Week 9: CSS Part 3

ATLS 2200 (Web)  
Spring 2022

# roadmap

## TODAY...

1. Animations
2. Wrap-up + Next Steps

## WHILE YOU'RE GETTING SETTLED

Make sure to check in via Canvas (“Week 9 Lecture Check-in”).

Have you done the mid-term evaluation daily note?

**<https://bit.ly/2200-midterm>**

**animations**

**using CSS to make light weight  
animations**

# animations

## ANIMATIONS

Why would we use CSS for animation over JavaScript?

1. CSS is easy to use for simple animations.
2. Animations run well, even when under moderate load.
3. Letting the browser control the animation lets it optimize performance.

# animations

## ANIMATIONS

To create an animation, we use the **animation** property and **@keyframes** at-rule.

The **animation** property lets us configure the timing, duration, and other details about the animation.

The **@keyframe** at-rule configures the specific frames of the animation. We do this by defining at least two keyframes – a start frame and an end frame.

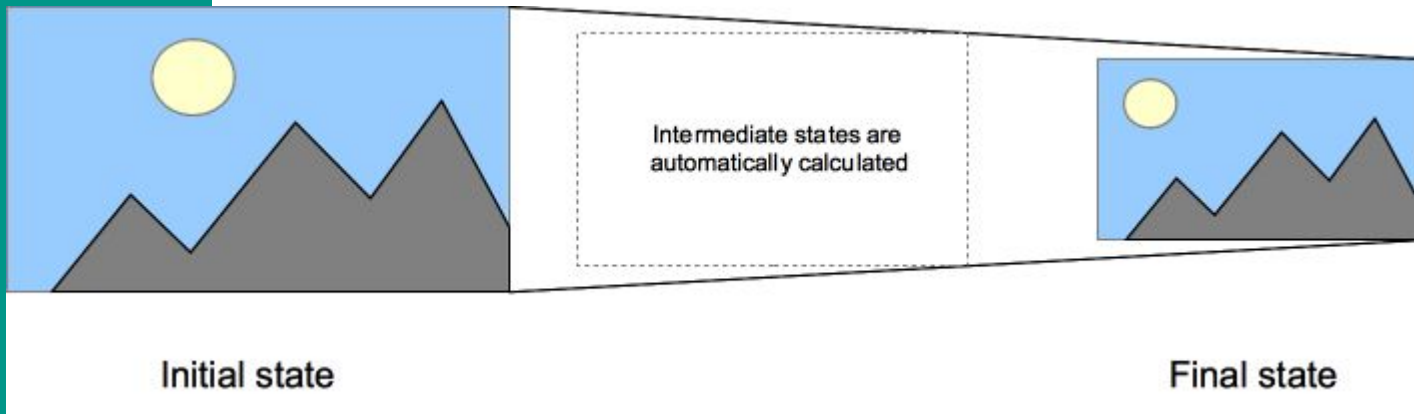
# transitions

## TRANSITIONS

**Transitions** let us control the animation speed (again, all in CSS).

CSS transitions let us decide which properties to animate, when they will start, how long they will last, and how the transition will run.

It also lets us define a start and end state, and the browser will calculate intermediate states automatically.



**to atom!**

# reminders

## **YOUR MIDTERM IS DUE SUNDAY.**

Please make sure this is turned in on time.

That means everything is pushed to GitHub  
BEFORE 11:59 PM on Sunday, and links are  
submitted to Canvas before 11:59 PM Sunday.



# announcement

## ANNOUNCEMENT

**Recitation this week is optional.** It will be devoted to mid-term support time.

Be warned – if you do not go to recitation on Thursday, Anthony will be grumpy if you message him frantically on Saturday/Sunday.

Don't use this as a moment to skip; use it as a moment to get done early.

**Recitation next week is a critique, and is mandatory.** If you miss recitation, you get a 0 on the Week 10 Assignment.

# roadmap

## WHAT'S NEXT?

In recitation this week – mid-term support.

Recitation is optional this week. However, it is a chance to get help on your mid-term.

**Quiz 7** opens at 10:45 AM. It is due before the start of your recitation.

## DAILY NOTE

The daily note will be released via Slack.

Make sure to do it now.