
RESPONSIVE WEB DESIGN II

Lecture 11

TODAY'S TOPICS



- CSS Animation
- Participation: Doomsday Button

ANNOUNCEMENTS

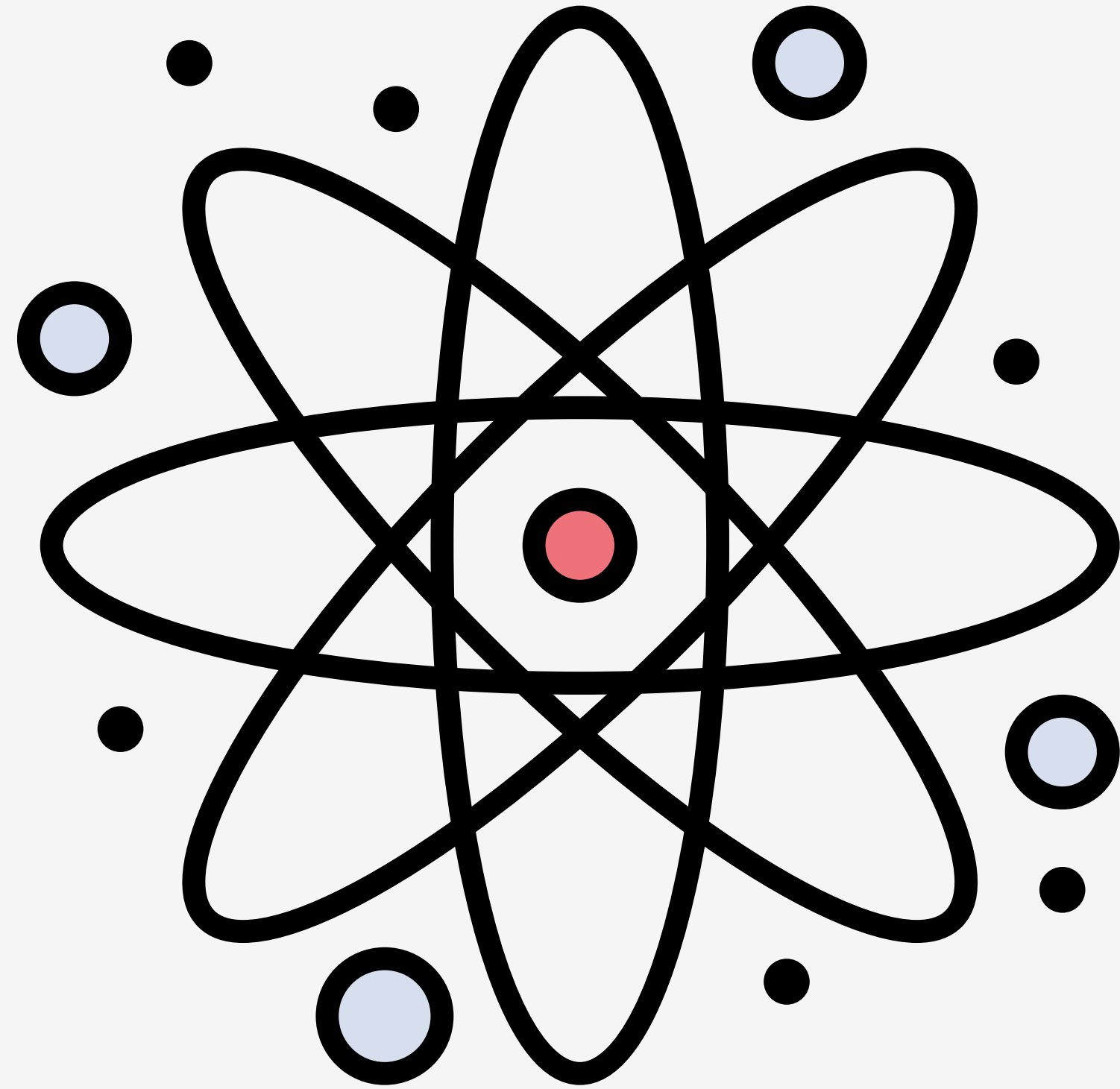


- Sign-in Sheet
- Midterm Project: Prototype

QUESTIONS

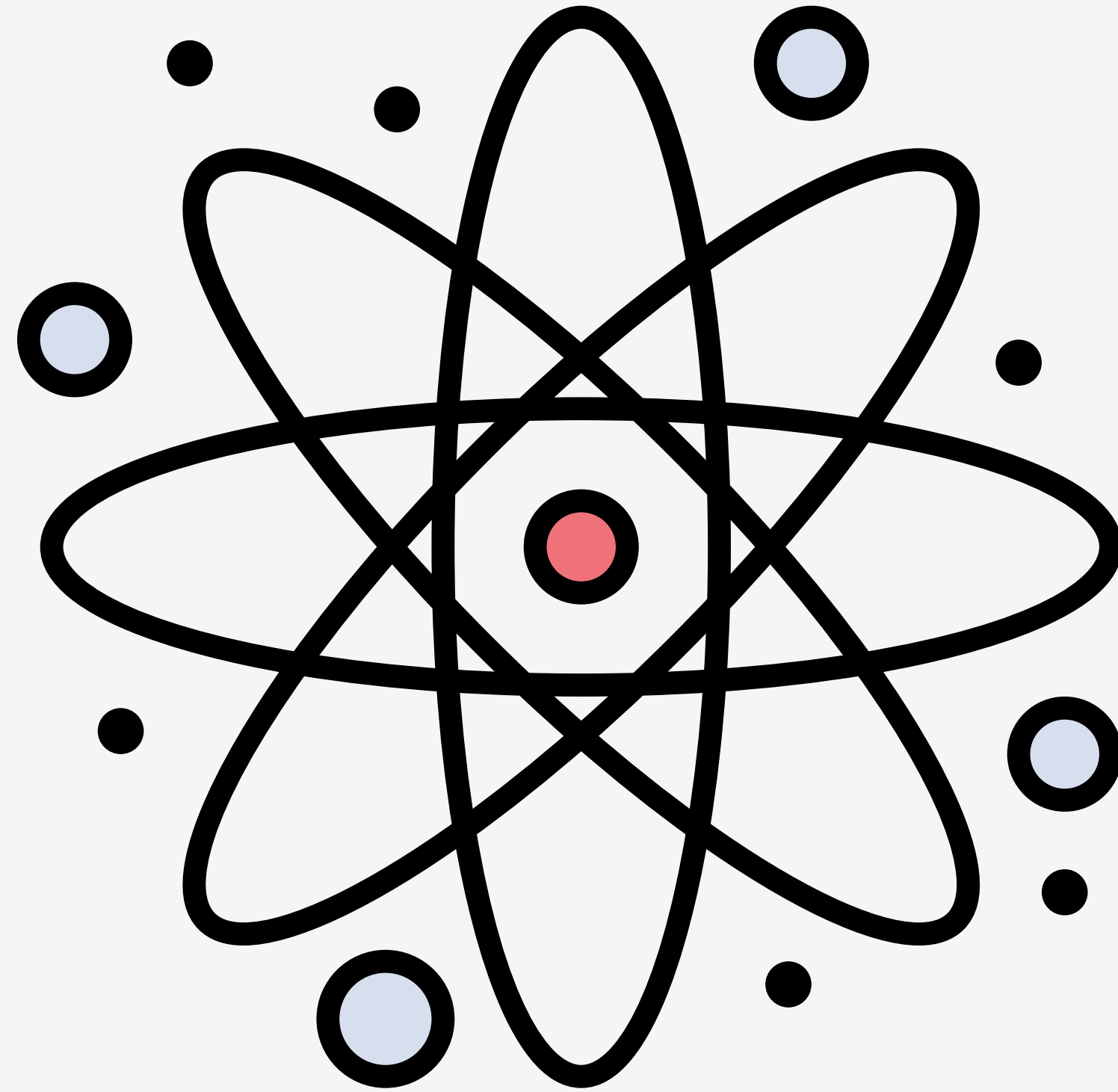
CSS ANIMATIONS

CSS ANIMATIONS



- **CSS animations** lets you animate the value of CSS properties over time
- **CSS animations** consist of two parts: the **animation** properties and the **@keyframes** rule

@KEYFRAMES

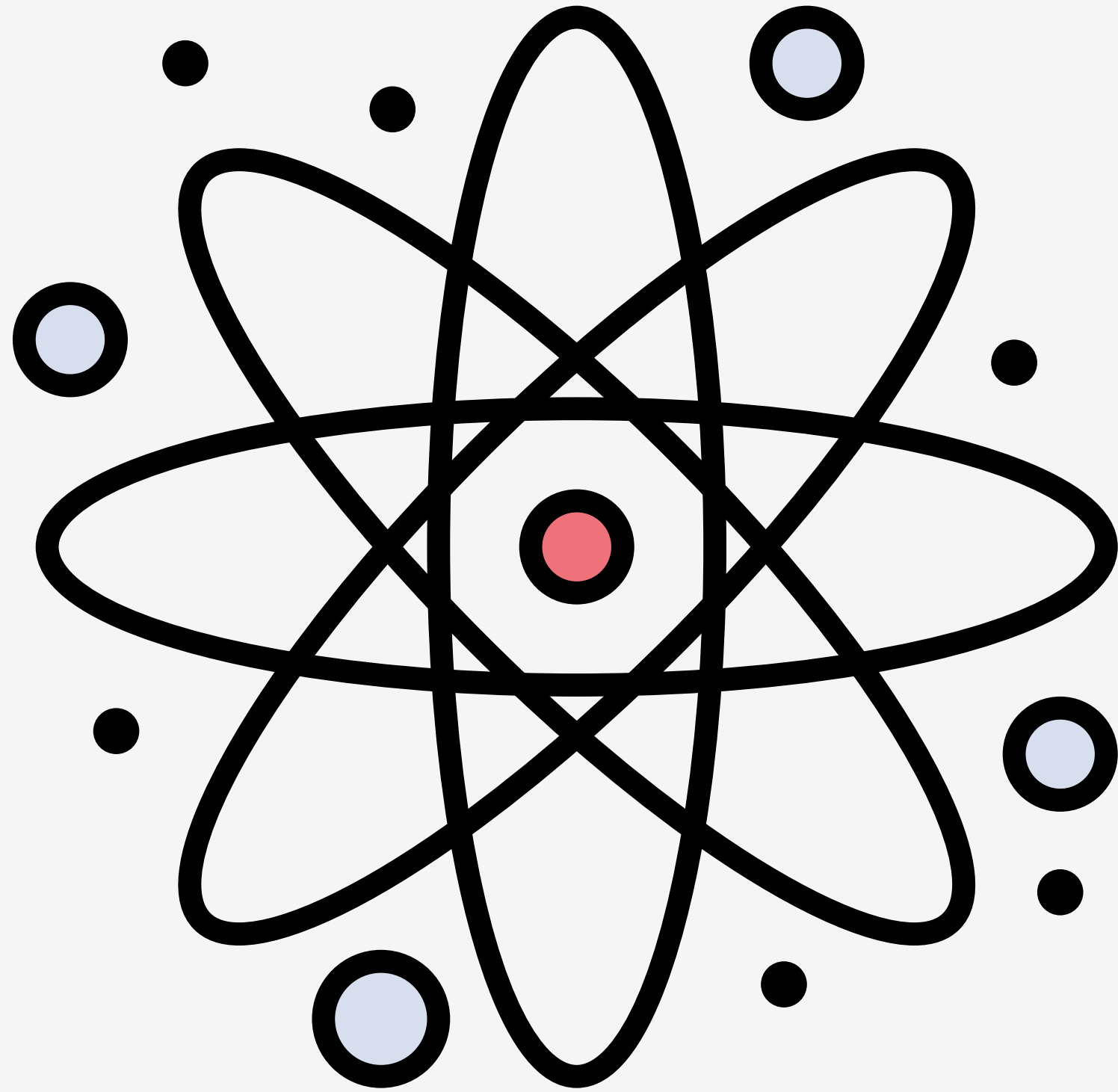


- The `@keyframes` rule controls the intermediate steps in a CSS animation sequence
- Each `@keyframes` rule has a name and a list of keyframe selectors
- The name is used by the `animation-name` property
- Each keyframe selector specifies the percent in animation the keyframe occurs and a block containing the styles for the keyframe

@KEYFRAMES

```
@keyframes zoom {  
  0%, 50% {  
    transform: translate(0)  
  }  
  
  85%, 100% {  
    transform: skew(30deg) translate(1200px)  
  }  
}
```

ANIMATION PROPERTIES



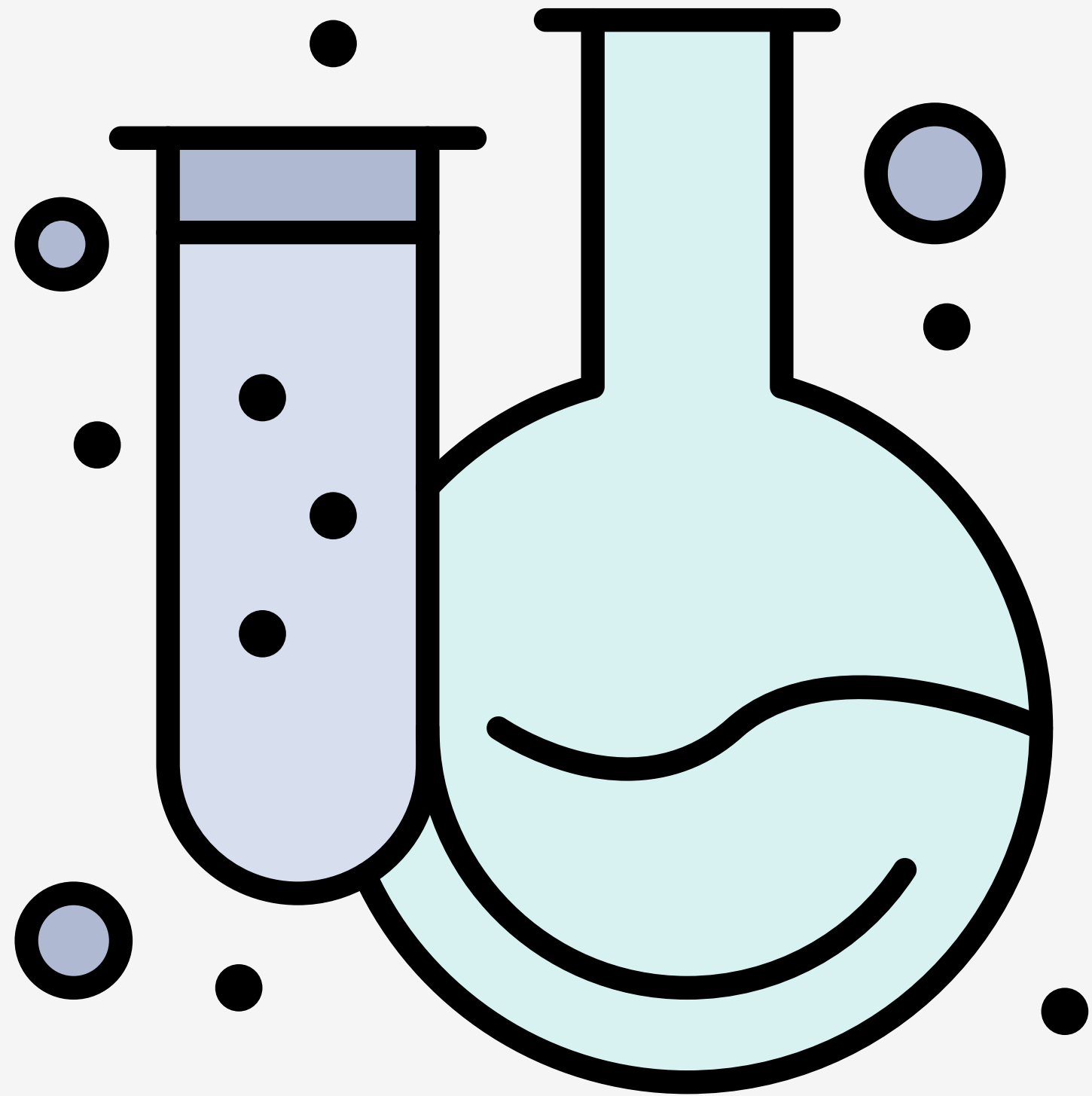
- The `animation-name` property is sets which `@keyframes` rule to use
- The `animation-duration` property set how long the animation should take to complete one cycle
- The `animation-delay` property delays the start of the first cycle
- The `animation-timing-function` property sets the `timing function` to use
- The `animation-iteration-count` property sets the number of cycles the animation should complete
- The `animation-direction` property set the direction through the `@keyframes` rule the animation will take
- Determines `animation-fill-mode` which styles should be applied to an element before and after an animation

ANIMATION

```
.zoom {  
  animation-name: zoom;  
  animation-duration: 3s;  
  animation-delay: 1s;  
  animation-timing-function: ease-in-out;  
  animation-iteration-count: 1;  
  animation-direction: normal;  
  animation-fill-mode: forwards;  
}
```

HANDS-ON

DOOMSDAY BUTTON



- *FORK THE PEN!*
- Add animations to the different states of the button
- Submit the URL to your pen
- *DUE:* Thu. Feb. 13 @ 11:59 PM

NEXT TIME...

- CSS Tips, Tricks and Best Practices

