# CSS Transitions, Animations and Transformations

Problems for exercises and homework for the ["CSS Advanced" course @ SoftUni](https://softuni.bg/trainings/3042/css-advanced-july-2020). Submit your homework in the SoftUni course instance page at <https://softuni.bg/trainings/2871/css-advanced-july-2020/>.

## Box Change

Create a page like the following:



### Constraints

* Update the following box properties with transition ease effect
  + width;
  + height;
  + background-color;
  + font-size;
  + left;
  + top;
  + color;

## Circle to Box Animation

Create a page like the following:

A close up of a logo

Description automatically generated

### Constraints

* Create a **small** **red** **circle**
* **Center** the circle in the viewport
* **Animate** that circle to a **square** and **back** to **circle**

## Fancy List Animation

Create a page like the following:

A screenshot of a cell phone

Description automatically generated

### Constraints

* Create a **list** **of** **items** with icons
* Animate the showing of **each** **element**
* Use animation-delay to make the appearance of the elements staggered

## Animating Gradients

Create a page like the following:

**A picture containing screenshot, water, beach, flying

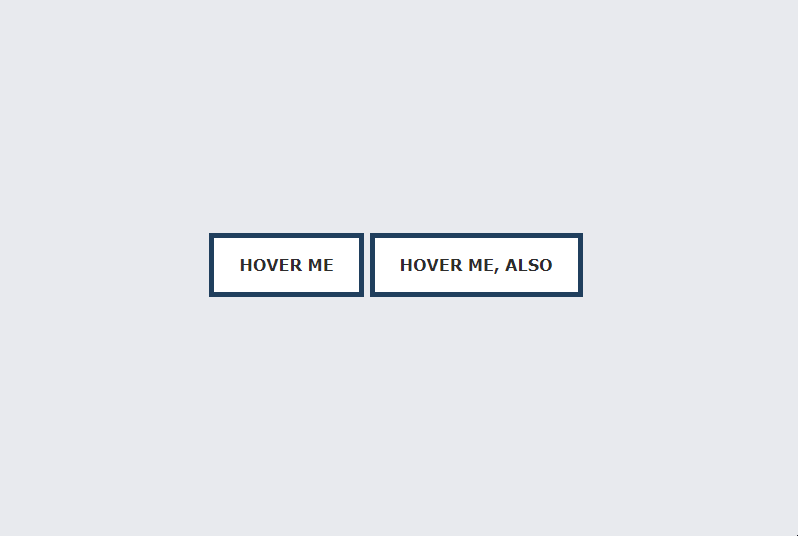
Description automatically generated**

### Constraints

* Create an empty div element
* Use :before and :after pseudo elements with position absolute to make them as big as their container
* Add different gradients on the :before and :after elements
* Animate between the different gradients by using opacity on the top most element

## Border Animation

Create a page like the following:



### Constraints

* Use a tag to create **two** **buttons**
* Set the buttons outline to be 5px with **dark** **blue** color
* When the buttons are hover change the **outline** **width**

## Rotated Rectangle

Create a page like the following:



### Constraints

* Use the transform rotate function to rotate the **image** **wrapper**
* Use rotate both for the image and the image wrapper
* Add overlay with opacity to the image wrapper