

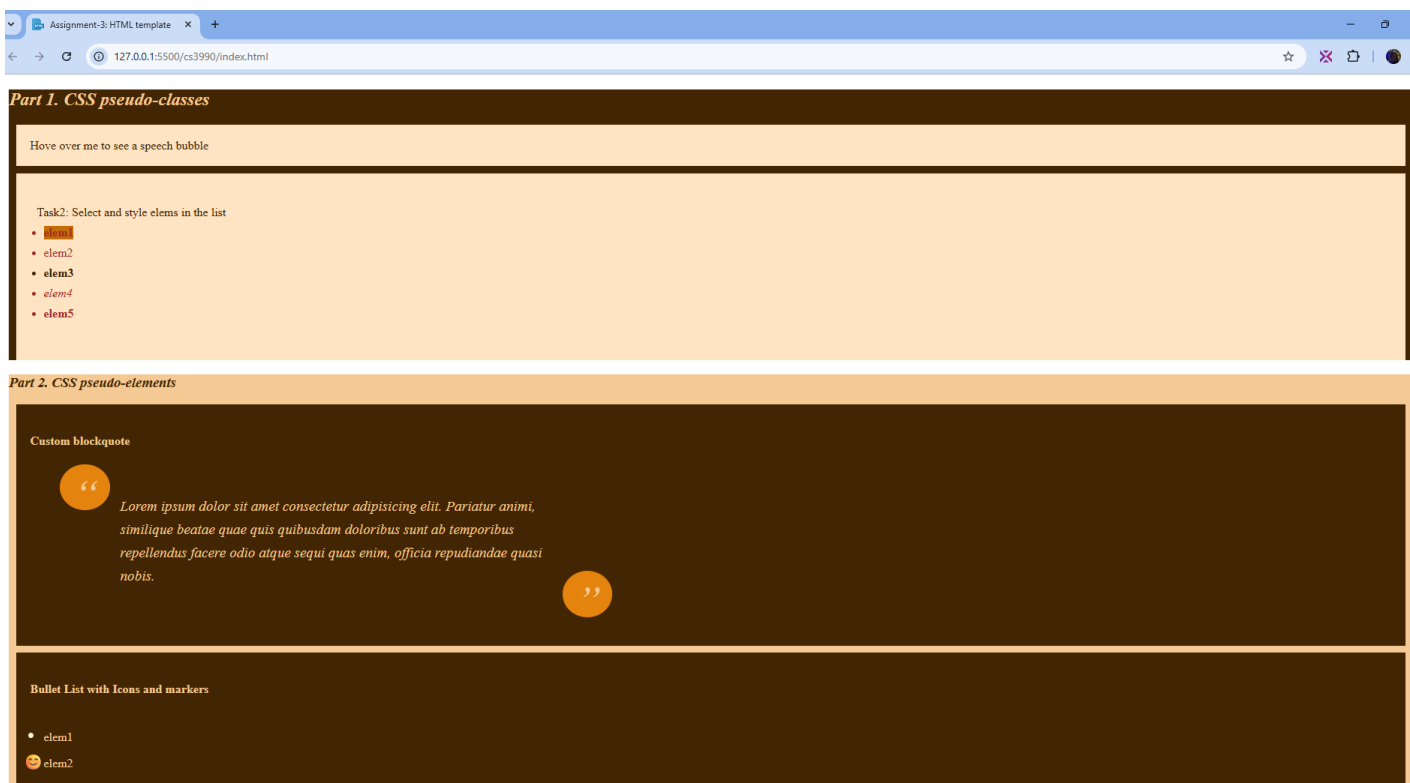
# CS3990. Assignment 3 (20 points)

## CSS advanced. Part 1

### *Using CSS Pseudo Classes & CSS Pseudo-elements*

Using the *HTML template* (**!!! nothing can be changed in this file**), create a CSS file with the styles to achieve the effects described below:

1. Set up background, font colors for blocks (see the picture below). To select the element, you need to apply contextual selectors and pseudo classes. Attribute selectors can be used as well. (2 points)



- The background color of the Part1 block and all subblocks (assigned to each task) of the Part2 block is the same (rgb(66, 37, 2)), while the background color of the Part2 block and all subblocks of the Part1 block is the same (rgb(245, 201, 147)).
  - The same case – with font colors (explore the picture above).
  - The font style should also be set according to the sketch (explore the picture above).
2. When you hover over a task (subblock), a border appears around the block (red and solid for Part 1 tasks, and pink and dotted for Part 2 tasks). This changes the transparency of all inactive blocks in this Part. The active block is the one under the mouse cursor, and the others are inactive. See the screenshots below: (1 points)

## Part 1. CSS pseudo-classes

Hover over me to see a speech bubble

Task2: Select and style elems in the list

- elem1
- elem2
- elem3
- elem4
- elem5

## Part 2. CSS pseudo-elements

Custom blockquote



*Lorem ipsum dolor sit amet consectetur adipisicing elit. Pariatur animi, similique beatae quae quis quibusdam doloribus sunt ab temporibus repellendus facere odio atque sequi quas enim, officia repudiandae quasi*

## Part 1. CSS pseudo-classes

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Bullet List with Icons and markers

- elem1
- ☺ elem2

3. Part 1 Task1: a speech bubble (Hover over the sub block1 to show a speech bubble according to the sketch below). You need to apply contextual selectors and pseudo classes for the css-solution.  
(3 points)

## Part 1. CSS pseudo-classes

Task1: Hi there! I am a speech bubble

Hover over me to see a speech bubble

4. Part 1. Task2: styling elements in the list. Explore the sketch below:  
( 3 points)

Task2: Select and style elems in the list

- elem1
- elem2
- elem3
- elem4
- elem5

and add appropriate formatting to:

- The first element
  - All elements excluding the element with a class="special" (use a negative pseudo-class to gain access to all required items except one special one.)
  - The 4<sup>th</sup> element
  - All odd elements
5. Part 2. Task 1: the custom blockquote. By using pseudo elements create customized quotes and place them according to the sketch below (3 points)

## Part 2. CSS pseudo-elements

Custom blockquote

“

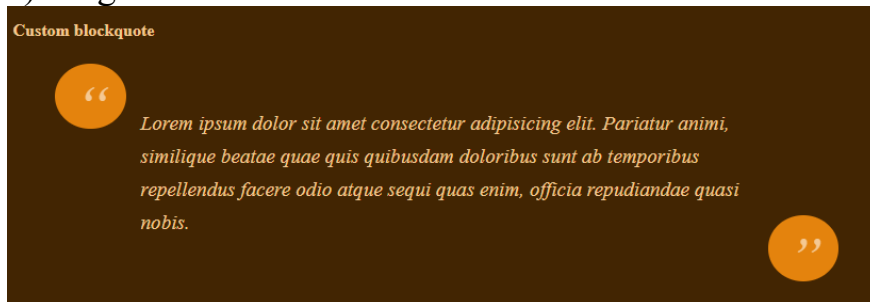
*Lorem ipsum dolor sit amet consectetur adipisicing elit. Pariatur animi, similique beatae quae quis quibusdam doloribus sunt ab temporibus repellendus facere odio atque sequi quas enim, officia repudiandae quasi nobis.*

”

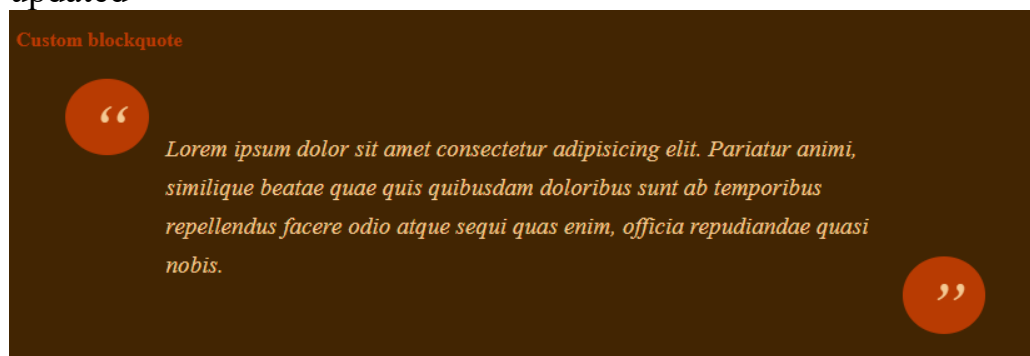
When you mouse over a blockquote, the background color of a header (“Custom blockquote”) and the customized quotes is changed (to rgb(184, 59, 2)) (1 points).

See the screenshot below:

a) original



b) updated



6. Part 2. Task 2: a Bullet List with Icons and Markers. Create the bulleted list according to the sketch below (use contextual selectors, pseudo-classes with pseudo elements to gain access to all required items) (2 points)



7. Part 2. Task 3: marking correct and wrong answers. Use contextual selectors, pseudo-classes with pseudo elements to implement the content of the sub block 3 (see the screenshot below)

>> Right / Wrong answers

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- Apply pseudo elements to create the highlighted parts of the content (1 point)

>> Right / Wrong answers

- Display the red cross (a new generated element) over the block with wrong answer (class="wrong"), and a green check mark for the correct answer block (class=" correct "). Apply pseudo elements in your solution. (2 points)
- When you mouse over a “Right” word in the header the background color of the correct answer changes (see the screenshot below) (2 points)

>> Right / Wrong answers

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The same effect exists for the “wrong case”:

>> Right / Wrong answers

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