

CSE326: Web Application Development

Lab 4: Movie Review Assignment

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Lad 4 assignment

This assignment counts 3% towards your final grade

Create a movie review web site named "Rancid Tomatoes" for the film TMNT!

- The page created should look like the screenshot on the next slide.
- The page must match the appearance specified in the following slides.
 - A pixel-perfect page that exactly matches the screenshot on the next slide is not expected (but as closely as possible)!
- Resources: [Firefox Page Inspector](#), [Chrome Dev Tools](#)

Screenshot of the movie review page

This screenshot is taken on Windows in Firefox!
It may differ slightly from your system.

- You can also download this [screenshot](#) and [its wider-version](#).



Lab 4 resources

Download the [lab4-movieReview.zip](#) which consists of :

- `tmnt.html`: skeleton of the movie review page with the page contents
 - This html file has no page sections or styles.
 - The only modifications you should make are to:
 - divide the page into sections using `div/span` tags, and add `id/class` attributes.
 - add the HTML necessary to enable the "favorites icon" (favicon) specified in later slide.
- All images: on the movie review page and mentioned in the following slides
 - `background.png`, `banner.png`, `bannerbg.png`, `critic.png`, `fresh.png`, `overview.png`, `rbg.png`, `rotten.png`, `rottenbig.png`, `w3c-css.png`, `w3c-html.png`

Lab 4 exercises

According to the specification on following slides :

- Modify `tmnt.html`.
 - divide the page into sections using `div/span` tags, and add `id/class` attributes.
 - add the HTML necessary to enable the "favorites icon" (favicon) specified in later slide.
- Create `movie.css`, style sheet for `tmnt.html`.

Assignment constraints

In order to get full marks, you must satisfy the following constraints.

- Do not express unnecessary or redundant styles in CSS. For example:
 - if two section share common styles, you should only specify those styles once.
 - if the same style property is used for multiple elements, you should group those elements into a single CSS rule.
- Do not express style information in the HTML such as embedding style sheet, inline styles, and presentational HTML tags (e.g, ``, `<i>`, or ``)
- Use context selectors to avoid creating too many classes and IDs. You should use 10 or less classes + IDs.
- Do not use HTML tables or absolute positioning on this assignment.
- Format your HTML and CSS to be as readable as possible. Use proper indentation.

Ex 1: general page style

General style for the movie review page :

- page title is "TMNT – Rancid Tomatoes"
- Page has a 'favorites icon' (favicon) of `rotten.gif`
- Background of the page should be `background.png`
- Text of the page has size of 8pt and uses Verdana, Tahoma, or any sans-serif font on the system
- Page has no margin or padding - the contents stretch to the very edge of the browser window

Ex 2: top banner & page heading

Image banner is at the top of the page

- at the center of this banner, there is `banner.png`
- as a background of this banner, `bannerbg.png` repeats horizontally across the length of the page
- the heights of both images are 50px

Page heading (movie name and year) underneath the top banner :

- is centered and uses 24pt bold font
- uses Tahoma, Verdana, or sans-serif font available on the system
- has shadow - 3px to right and down - with color `#999999`

Ex 3: overall content area

Below the page heading, there is the overall content area with 33% rating for the film, several reviews from critics, and overview of the film.

The overall content area :

- occupies 800px width and centered horizontally within the page
 - when the page (browser) resize horizontally, overall content area should remain centered horizontally on the page
- has 4px gray solid border with 20px radius round corner
- should be large enough to contain all of its content (use overflow property in CSS)

Ex 4: overall content area - left

On the left side of overall content area, there are 550px-wide section with "rotten 33%" rating and critics' reviews of the film.

On the top of this overall content area - left, there is a smaller (33% overall rating) section containing large 'rotten' image.

- the large 'rotten' image is rottenbig.png and vertically aligned at the bottom
- at the background of this section rbg.png repeats horizontally across the entire length of the section
- both images are 83px tall
- '33%' overall rating text in this section uses 48pt red bold font

Ex 5: reviews section

Below the 33% overall rating section, there are two columns of reviews where :

- each column occupies 47% of the width of the overall left section
- there is a horizontal spacing of 2% between columns and neighboring content (do not use the new CSS3 column property)

Ex 5: reviews section

Each review box with quote :

- uses bold 8pt font & has background color of #E8DC9B
- has 2px gray border with 10px radius round corner
- has 8px spacing between quote box' s content and its border
- has `fresh.gif` or `rotten.gif` icon for the each review on the left side of the box has 5px spacing on the right
- review text should wrap around the `fresh/rotten.gif` icon as needed
- has 20pt of vertical space between reviews.

Reviewer information below review box :

- follows under the quote box where review's affiliation is in italic
- has reviewer icon (`critic.gif`) that is shown to the left of the text and has 5px horizontal spacing from the text

Ex 6: overall content area - right

On the right side of overall content area, there is the general overview section with movie poster and a list of information about the movie.

The general overview section :

- is 250px wide and has a background color of #A2B964
- has 10pt spacing between the edge of the section and the text of the list

Note : it is assumed that the general overview section will always be taller than the section of reviews to its left

Ex 6: overall content area - right

Movie information section (under the movie poster) :

- uses an 8pt Arial or any sans-serif font available on the system
- uses definition list (<dl>, <dt>, <dd> elements)
 - each definition term has bold text and has 10pt vertical spacing between it and the element above it
- has a list of links at the bottom that should be shown without bullets or indentation

Ex 7: overall content area - bottom

At the bottom of overall content area, there is a bar of centered text indicating review "(1-10) of 88" with:

- background color of #A2B964
- 5px spacing between its text and the element's own outer edge
- should have no spacing between its vertically neighbouring elements

Ex 8: w3c validator

At the bottom right corner of the movie review page has links to the W3C validators.

The validator images should:

- remain fixed in the page's bottom-right corner, even after scrolling
- appear as 50% opaque, halfway transparent

Produce valid movie review page!

- Your page must use valid HTML5 and successfully pass the W3C HTML5 validator.
- Your style sheet must use valid CSS3 and successfully pass the W3C CSS validator.

Submission

If you complete the assignment:

1. Place a comment header in each file with your name and student id number.
2. Submit your `tmnt.html` & `movie.css` files at Online Lecture site
3. Due date for this assignment is
 - 3rd year class : 11:59pm on 16 October 2017.
 - 2nd year class : 11:59pm on 18 October 2017.

Extra mark:

- make the appreance of the movie review page consistent accross different browser (Firefox, Chrome, Safari, IE) by adding a single CSS property