



Program 2: CSS Positioning

Student Learning Objectives

- Demonstrate the ability to use div's to group XHTML elements
- Demonstrate the ability to author valid externally linked cascading style sheets (CSS)
 - **All** style rules should be placed in linked CSS file, not in XHTML
- Demonstrate the ability to use CSS positioning
- Demonstrate the ability to create valid, accessible, and semantically correct XHTML code

Introduction

This assignment tests your understanding of XHTML and CSS for layout, positioning, and the CSS box model. You will create two files for a movie review web page in folder `U:\htdocs\programs\program2\`

- `program2.html`, the movie review page for the movie TMNT (Teenage Mutant Ninja Turtles)
- `program2.css`, the external style sheet for program2.html

`program2.html`

In this assignment, you will be creating a page for a movie review web site named *Rancid Tomatoes* for the film **TMNT**. Your page

must match the [appearance specified](#) in this document. It would be difficult to produce a pixel-perfect representation of the page that matches the image shown here, and we do not expect you to do so. But your page should follow all of the styles specified in this document and should match the overall look, layout, and behavior of the page shown here as closely as possible.

We will provide you with a [HTML skeleton version](#) of `program2.html` that contains the basic page contents. You may use this code unchanged. If you wish, you may add extra `div` and `span` tags, additional `ids` and `class` attributes, and minor changes such as indentation and spacing. However, do not change, re-arrange, or add presentation tags to the HTML code directly. All style should be applied using the `program2.css` style sheet.

Appearance and Behaviour Details

The HTML code and all images on the page and mentioned in the following text are available for download to your `U:\htdocs\programs\program2\` folder ([program2.zip](#)). You should link to all images in your `program2` using a relative path, **not** by using an absolute path (e.g. beginning with `U:\`).



banner.png



overview.png



background.png



bannerbackground.png



rottenbig.png



rottenbackground.png



fresh.gif



rotten.gif



critic.gif

The overall page has a background image of `background.png`. Text on the page uses a **.8em** font. The preferred fonts for text are Verdana, Tahoma, or any sans-serif font available on the system. The overall page body has no margin or padding, so its contents stretch to the very edge of the browser window.

The top of the page contains an image banner. The center of this banner is the image `banner.png`. Behind this banner the image `bannerbackground.png` is repeated horizontally across the entire length of the page. Both of these images are **50px** tall. **Hint:** To make the banner stretch all the way to the edges of the page, use the `bannerbackground.png` as the background image of the div element containing the top banner and repeat it across the horizontal (x) dimension.

Underneath the top banner is a **centered** main heading containing the movie name (TMNT) in a **3em** bold font.

Below the main heading is the page's overall content area, containing the overall 32% rating for the film, several critics' reviews, and an overview of the film shown on the right. Taken together this content is **800px** in width and is **centered** horizontally within the page. The overall section has a 4px solid gray **border**.

Within the overall content area, to the right, is a general overview section of the page with a list of information about the movie.

This section is 250px wide. The section includes a definition list (using `dl`, `dt`, and `dd` elements) about the movie such as its stars and director. The definition terms are styled as uppercase, bold font with a top margin of **.5em**. The bottom of this section contains the page's navigation links.

Also within the overall content area is the left-center content section that contains the overall "rotten" rating of 32% and the critics' reviews of the movie. The section begins with a small section containing a large "rotten" image (`rottenbig.png`). Behind this the image `rottenbackground.png` repeats horizontally across the entire length of the section. Both of these images are 83px tall. This is followed by the 32% overall rating for the film, which is shown in a **5em** red bold font, and a message that there are 88 reviews total, which is shown in **.8em** font in white. **Hint:** It can be tricky to get the large "rotten" image and the 32% rating text to line up vertically properly. Try adjusting vertical alignment and/or making some content float.

Below the 32% overall rating, there are two columns of reviews. The two columns each occupy about half of the width of the overall left-center section of the page. There is a small gap of horizontal spacing between the columns.

Each individual review consists of a box in which the reviewer gives a quote (`q`) about the movie, in bold font. The quote box has a background color of #E1D697 and a solid gray border, 2px wide. Eight pixels separate the quote box's content from its border. Each quote box also contains an icon showing whether the reviewer liked (`fresh.gif`) or disliked (`rotten.gif`) the movie. These images are on the left side of the quote box, with 5 pixels separating them from the text to their right. Text wraps around these images as needed.

The reviewer's personal information follows underneath the quote box, including the reviewer's name and publication in italic. A reviewer icon (`critic.gif`) is also shown, to the left of the name/publication text, with **5 pixels** of horizontal space separating it from the text.

Below the set of reviews is a footer bar with centered text explaining that the page shows reviews 1-8 of 88. This bar has a background color of **#A2B964**. Five pixels separate the edge of its text and the element's own outer edge. **Hint:** use `clear:both` to make it appear below any section(s) floated above it.

All other style elements on the page are subject to the preference of the web browser.

Screen Snapshot

`program2.html` screen snapshot




TMNT





33%

(88 reviews total)


* "Ditching the cheeky, self-aware wink that helped to excuse the concept's inherent corniness, the movie attempts to look polished and 'cool,' but the been-there animation can't compete with the then-cutting-edge puppetry of the 1990 live-action movie."

 Peter Debruge
Variety

 "TMNT is a fun, action-filled adventure that will satisfy longtime fans and generate a legion of new ones."


 Todd Gilchrist
IGN Movies

* "It stinks!"


 Jay Sherman
unemployed


* "The rubber suits are gone and they've been


* "The turtles themselves may look prettier, but are no smarter; torn irreparably from their countercultural roots, our superheroes on the half shell have been firmly co-opted by the industry their creators once sought to spoof."

 Jeannette Catsoulis
New York Times

* "Impersonally animated and arbitrarily plotted, the story appears to have been made up as the filmmakers went along."

 Ed Gonzalez
Slant Magazine

 "The striking use of image and motion allows each sequence to leave an impression. It's an accomplished restart to this franchise."

 Mark Palermo
Coast (Halifax, Nova Scotia)

GENERAL OVERVIEW



STARRING

Patrick Stewart
Mako
Sarah Michelle Gellar
Kevin Smith

DIRECTOR

Kevin Munroe

RATING

PG

THEATRICAL RELEASE

Mar 23, 2007

MOVIE SYNOPSIS

After the defeat of their old arch nemesis, The Shredder, the Turtles

redone with fancy computer technology, but that hasn't stopped them from becoming dull."



Joshua Tyler
CinemaBlend.com



"The script feels like it was computer generated. This mechanical presentation lacks the cheesy charm of the three live action films."



Steve Rhodes
Internet Reviews

have grown apart as a family.

MPAA RATING

PG, for animated action violence, some scary cartoon images and mild language

RELEASE COMPANY

Warner Bros.

RUNTIME

90 mins

GENRE

Action/Adventure, Comedies, Childrens, Martial Arts, Superheroes, Ninjas, Animated Characters

BOX OFFICE

\$54,132,596

Links

- [RT Review](#)
- [RT Home](#)

(1-10) of 88

Grading Criteria:

Note: Program assignments are **individual assignments** and should represent your own work. You should **not** use pair programming on the program assignments. If you received help with this assignment, acknowledge this help (who helped and the nature of the help) in your file's header comment.

Do **not** make major changes to the `program2.html` web page. Validate your HTML code as XHTML 1.0 Strict with no errors or warnings. They should also be checked for accessibility using the FAE Rule Set with no issues identified. Do **not** express stylistic information in the HTML page itself, such as inline styles or presentational HTML tags such as `b` or `font`.

Express all stylistic information on the page using **CSS** defined in `program2.css`. For full credit, your style sheet must successfully pass the W3C CSS validator with no errors or warnings. You only need to worry about the appearance of your page in Firefox. Your pages will not be tested using Microsoft Internet Explorer or other browsers.

Format your HTML and CSS nicely so that it is readable following the [CS 250 coding standards](#). Place a comment header in each file containing your account, file, and honor code. Include metadata on your HTML pages.

To Receive Credit

- A [scoring rubric](#) for program 2 will be used for grading purposes.
 - Turn in the [scoring rubric](#) [PDF] for grading purposes
 - Keep track of and include the **total completion time** (rounded to closest half-hour) it took to complete the program assignment and include the time on the rubric
 - Write a score `0 . . 4` in the rubric's **self assessment column** representing your completion status
 - Make sure your work is stored in your CS 250 account in folder `U:\htdocs\programs\program2\`

Program 2 is due at the start of lab on Monday. **No** late programming assignments will be accepted without prior approval.