Contemporary Web Design 1

Assignment #1 – Rich Media HTML5/CSS3 Website

Overview:

You have been asked to build a fan site for the classic video game Pac Man. You are required to use your knowledge of CSS3 to create an interactive site with animations, transitions and transforms that uses proper HTML5 semantics.

Open the file "pacman-website.jpg" to see the layout of the site. The site is organized into four sections – Home, high scores, how to play and players. You are required to code the following:

- ! The navigation links need to be inside a <NAV> tag. When hovered over, the links will fade into yellow using a .5s transition. When clicked on, the links will take you to the selected section.

- ! You must use HTML5 semantics, <HEADER>, <NAV>, <SECTION>, <FOOTER>, etc. to organize the elements of your page.

- ! In the "Home Section" section, you must create a looping animation where the ghosts are chasing Pac Man. Pac Man will chase the ghosts off the left side of the screen and then the animation will loop, where Pac Man and the ghosts appear from the right hand of the screen.

- ! The "Insert Coin" text needs to animate a looping blinking pattern, 1s visible, and 1s invisible.

- ! Between each section you need to add a dotted line. Use section:after in CSS to style.

- ! Style the text colour on the "High Scores" list using nth-child().

- ! In the "How to Play" section, you must create a looping animation where Pac Man is chasing the ghosts. Pac Man will chase the ghosts off the right side of the screen and then the animation will loop, where the ghosts and Pac Man appear from the left hand of the screen.

- ! In the "How to Play" section, you need to style the first-line to be all caps and yellow.

- ! Style the text colour on the "Players" list using nth-of-type().

- ! Use the @font-face in CSS to display the font "Press Start".

- ! Make sure to use the proper prefixes for animations, transitions, and transformations.

- ! Make sure you validate your HTML and CSS code using the W3C validator.

Purpose:

This assignment is to used more advanced HTML5 and CSS3 techniques when building a website.

Layout:

HEADER & NAV

PAC-MAN

HOME SECTION

INSERT COINS

READY!

THE 10 BEST PLAYERS

RANK	SCORE	INITIALS
1ST	10,000	JRB
2ND	9,950	LAB
3RD	9,000	CJB
4TH	8,750	KED
5TH	8,500	JBB
6TH	7,750	SBB
7TH	7,250	MLB
8TH	6,850	AGD
9TH	6,500	KAD
10TH	6,250	BOB

HIGH SCORES SECTION

HOW TO PLAY SECTION

SIMPLY SCORE AS MANY POINTS AS YOU can eating the small dots all around the maze. 10 points per dot (240 of them). Big points come when you eat 1 of the 4 Big flashing dots called Energizers worth 50 points located in each corner of the maze.

PLAYERS

CHARACTER / NICKNAME

-SHADOW   "BLINKY"

PLAYERS SECTION

-POKEY   "CLYDE"

200 PTS

50 PTS

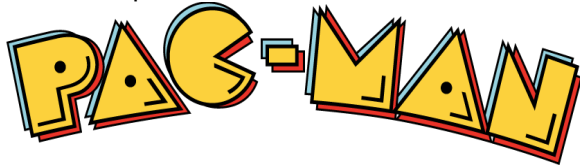10 PTS

FOOTER

THIS SITE HAS NO AFFILIATION WITH THE ACTUAL PACMAN GAME

Assets:

All assets are provided on BlackBoard.

#FFD300	#FF0401
#F9ED3F	#01F8F8
#FFA002	#FF60B0

Rubric:

Brief description on how you will be marked.

Category	1 Incomplete	2 Undeveloped	3 Approaching	4 Mastery	5 Exemplary
	Shows no or poor level of knowledge	**Shows mild level of knowledge**	**Shows moderate level of knowledge**	**Shows proficient level of knowledge**	**Shows excellent level of knowledge**
HTML5 & Semantics (10%)	HTML is not functional	Serious issues with the HTML	HTML is functional but has some issues	HTML is clear, some elements can be better organized.	HTML is clear, concise and scalable.
CSS (10%)	CSS is not functional	Serious issues with the CSS	CSS is functional but has some issues	CSS is clear, some elements can be better organized.	CSS is clear, concise and scalable
Commenting of Code (10%)	Commenting is not attempted	Little to no commenting.	Commenting is functional but has some issues with clarity	Commenting is clear, some elements can be better commentd.	Commenting is exceptional, another coder could easily inheret your code
Use of Animation (30%)	Animation is not attempted	Animation is not functioning	Animation is used but has some issues or is minimal.	Animation functional, engages the user and creates a compelling experience.	Animation is functional, engages the user and reinforces the UI Design.
Use of Pseudo Classes (30%)	Pseudo Classes not attempted	Pseudo Classes are not functioning	Pseudo Classes are used but has some issues or is minimal.	Pseudo Classes functional, engages the user and creates a compelling experience.	Animation is functional, engages the user and reinforces the UI Design.
File Structure (10%)	Project is incomplete and with many major issues	Project is incomplete with some issues	Project is functional but with some issues	Project is functional and without major issues	Project has good polish with no obvious mistakes. Care was taken in the layout and presentation
TOTAL (20% of your Final Mark)					

Submission / Deliverables:

Zip your website and submit via BlackBoard.
Post a working version of your site to your personal website and provide a link via Blackboard.

Zip your website and submit via BlackBoard.
Post a working version of your site to your personal website and provide a link.