Instructions for Lab 3 – CAMshots
CIS 195 Web Authoring 1

Introduction

You will be creating two web pages described in Tutorial 2 of our textbook, *HTML, CSS and Dynamic HTML*. For best results, read the explanations in the tutorial (but not the steps) before writing HTML code for your web pages. You might want to read a few pages and then try writing some code, read a few pages, then write some more code.

Starting files for this lab are in the *tutorial.02.zip* file on Moodle.

Part 1

A. **Tutorial 2:** Create the *CAMshots* web site described in the tutorial.

B. **Review:** Add the Glossary web page to the CAMshots site. Again, it's best to just look at the picture of the completed page and write HTML code to make a web page that looks just like the picture.

Best Practice: Make the web page by just looking at the pictures of the completed pages (shown at the end of this document) and then trying to write HTML that makes a web page look just like the picture. If you run into difficulty, then look at the step by step instructions. In "real life" you wouldn't have step by step instructions.

Part 2

Do any <u>one</u> of the case problems 1 - 3 for Tutorial 2.

Submitting your lab work

1. Zip the tutorial.02 folder along with it's tutorial, review, and case subfolders.
2. Upload your tutorial.02.zip file using the *Production Version* assignment link on Moodle:

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Completed pages for the tutorial:

Welcome to CAMshots, a site for people passionate about digital photography. This site has grown out of decades of photographic experience. I offer advice for both beginners and advanced users. I hope you enjoy what you find, but please be considerate of the work it took to do all this. The entire site contents including all images and articles are copyrighted. Please honor my work and do not copy anything without permission. If you are interested in publishing any of my images or articles or using them in other ways, please contact me and we can discuss your needs. Happy Shooting!

— Gerry

Photo of the Month

Colorado Double Rainbow by Watts213

- Camera: Nikon D50
- F-stop: f/7.1
- Exposure: 1/200 sec.
- Focal Length: 18mm
- Aperture: 3.6
- Flash Mode: No flash

CAMSHOTS >>> ADVICE AND NEWS FROM THE WORLD OF DIGITAL PHOTOGRAPHY

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Advice and News from the World of Digital Photography

Tips   Photo Glossary

| Home | Tips | Glossary |

Tips of the Week

The Rule of Thirds

Good composition often results in good photographs, even of the most mundane subjects. There are several rules of thumb with respect to employing good composition. One of the most used is the *Rule of Thirds*. The Rule of Thirds is based on the observation that compositions in which the topic of interest is placed directly in the center of the frame tend to be static and uninteresting.

A better approach is to imagine a grid drawn over your photograph that divides it into thirds, like a tic-tac-toe grid. Place your point of interest away from the center of the frame and onto one of the intersection points on the grid (see below).

If you place points of interest into the thirds, your photo becomes more balanced and will enable the viewer to interact with it more naturally. Studies have shown that people's eyes are usually drawn to the location of the the intersection points in the grid rather than the center of the frame. The Rule of Thirds works with this natural way of viewing an image rather than against it. Many digital cameras allow the user to display the

CAMshots

Advice and News from the World of Digital Photography

Tips   **Photo Glossary**

[Home]   [Tips]   [Glossary]

Glossary

[A] [B] [C] [D] [E] [F] [G] [H] [I] [J] [K] [L] [M] [N] [O] [P] [Q] [R] [S] [T] [U] [V] [W] [X] [Y] [Z]

A

Ambient Light

The natural light in a scene.

Aperture

The maximum size of the hole through which light enters the camera.

Artifact

Unwanted distortions in an image caused by image compression.

Aspect Ratio

The ratio between the width and height of an image.

B

Bit

The smallest unit of computer memory.

Bitmap

A method of storing information that maps an image pixel bit by bit.

Byte

A group of 8 bits, the basic unit of information for the computer.

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Completed pages for the Review:

Home	Tips	Contest	Glossary

Contest Winners

Here are the results for this month's contest in the categories of *Child Photos*, *Flower Photos*, and *Scenic Photos*. I received hundreds of entries and it was difficult to narrow the entries down to three in each category. Thanks to everyone who participated this month.

Below are thumbnail images of the winning photos. You can click the photos to view larger images of each. These photos are distributed for non-commercial use. If you wish to obtain copies for commercial use, please contact the photographer.

Child Photos

Flower Photos

Scenic Photos

Next Month's Contest Categories

- Animal Photos
- Nighttime Photos
- Sports Photos

Please submit your entries to Gerry Hayward. Include your name, the photo category, and the photo settings. JPEG photos only.

Attention: Our friends at BetterPhoto.com are having their annual photo contest. Please take this opportunity to submit your work to their editors.

First Place: Kate's Portrait

- Submitted by: Tigger
- Shutter Speed: 1/200 sec.
- Focal Length: 40 mm.
- F-Stop Number: F/8

Second Place: Ball Pit

TIPS CONTEST GLOSSARY

Advice and News from the World of Digital Photography

| Home | Tips | Contest | Glossary |

First Place: Lupine

Child **Flower** Scenic

Photo Contest

- Submitted by: JGal03
- Shutter Speed: 1/100 sec.
- Focal Length: 32 mm.
- F-Stop Number: F/7

Second Place: Gaillardia

First Place: Lake District Skyline

- Submitted by: Hawkeye
- Shutter Speed: 1/500 sec.
- Focal Length: 23 mm.
- F-Stop Number: F/8

Second Place: Chasm Lake Sunrise