



# Test Your Tech

Navigation is:

- A. Following a series of links to locate specific information on the Web.
- B. Finding your uncle's mountain cabin in dense fog.
- C. Avoiding rush-hour traffic during the World Series.



# Test Your Tech

Navigation is:

- A. Following a series of links to locate specific information on the Web.
- B. Finding your uncle's mountain cabin in dense fog.
- C. Avoiding rush-hour traffic during the World Series.



Ann

- Future Potential in IT
- Alumni talk about IT at
  - Google
  - Microsoft
  - Moss Adams LLP  
Avenue A | Razorfish

\* Jan 23, 3-6PM,  
Guggenheim 220

\* Pre-register so they order  
enough pizza:

<http://depts.washington.edu/tc/fpit.html>

**Food & Prizes!**

# LOOKING FOR A GREAT MAJOR

**FUTURE POTENTIAL IN IT**

Hear from and ask questions of business people, recent graduates and fellow students about opportunities in INFORMATION TECHNOLOGY

**Keynote Speaker:**  
*Andreas Braendle, CIO, Moss Adams LLP*

**When:** Wednesday, January 23rd, 2008  
3:00-3:30 pm - Check-in  
3:30-5:00 pm - Keynote and alumni panel  
5:00-6:00 pm - Mingle with industry and dept. reps and eat pizza!

**Where:** Guggenheim Room 220

Representatives from companies including:  
Google  
Microsoft  
Moss Adams LLP  
IBM

Sponsors:  
Computer Science & Engineering  
The Foster School of Business  
The Information School  
Technical Communication  
The Society for Information Management (SIM)

For more information and to register, visit:  
<http://depts.washington.edu/tc/fpit.html>



# Announcements

- By today, you should have
  - \* Read Chapters 1-6 of *Fluency*
  - \* Taken the quiz on chapters 1-3
  - \* Completed labs 1 and 2
  - \* Close to completing lab 3



# Announcements

- This week's Quiz
  - \* Each lab had a different version of the quiz
  - \* Lab AD, "manual grading" for one question
    - We missed adding the correct answer for that question
    - We'll fix that and that will fix your scores
  - \* Catalyst gave your score as so many points out of 33 possible.
    - It included the extra credit as part of total points
    - Total is only 30 points
    - We'll have to manually change that at the end of the quarter



# Announcements

- When the new gradebook tool is ready, you will be able to see your scores in MyUW
  - \* Go to this link and follow the directions to add it to MyUW:  
[http://www.cs.washington.edu/education/edtech/viewing\\_grades.html](http://www.cs.washington.edu/education/edtech/viewing_grades.html)
  - \* It should be ready by the end of next week



# Announcements

- If you need help,
  - \* Our office hours, or by appointment
  - \* The drop-in lab
    - WF 10am
  - \* Drop in to Keith's Lab section AE
    - WF 8am



# Announcements

- Mac Labs
  - \* Wrong Hours for MGH Computing Commons on their Web site
    - I notified Catalyst to update their page
  - \* Best lab: Odegaard 2<sup>nd</sup> Floor:
    - Sunday 1pm until Friday 9pm
      - Show your Husky ID from 10pm-6am
    - Saturday 11am-9pm





# Announcements

- Lab 3
  - \* Directions on the lab are wrong
  - \* Dante uses Bash as the default
    - Check by typing:
      - echo \$SHELL
      - You'll see something like bin/bash



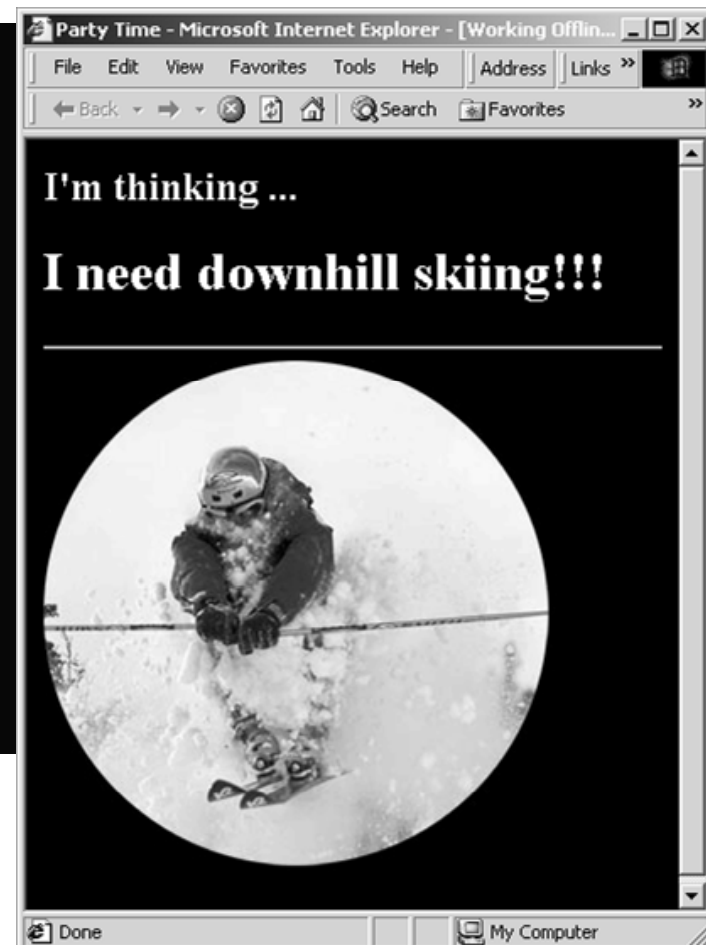
# Announcements

- Students ask if they can work on Project 1 at home?
  - \* Yes!
  - \* Download the UWICK software so you have access to Dante from home



# Wednesday's Mystery File

```
<html>
  <head><title>Party Time</title>
  </head>
  <body style="background-color: black;
    color:white">
  <h2>I'm thinking ...</h2>
  <h1> I need downhill skiing!!! </h1>
  <hr>
  
  </body>
</html>
```





## Wednesday's Mystery File

- Why couldn't I find that image?
  - \* Did name in html file match image name?
    - Correct!
  - \* Where was it?
    - On my desktop
    - *Not* in the images folder
- What's a better way of keeping track of files?





# Keeping Things Straight

- Match desktop and remote:
  - \* folder for folder
  - \* file for file

Local Mark Files Commands Session Options Remote Help

C:\Local Disk C:\Users\daclem\Documents\MyWebSites\FIT100\_08wi

Name	Ext	Size	Type	Changed
..			Parent directory	1/17/2008 9:16:01 PM
examples			File Folder	1/16/2008 5:16:42 PM
files			File Folder	1/11/2008 10:29:52 PM
homework			File Folder	1/16/2008 10:35:01 AM
images			File Folder	1/16/2008 8:09:47 AM
labs			File Folder	1/16/2008 1:10:58 AM
other			File Folder	1/17/2008 9:52:53 PM
projects			File Folder	1/16/2008 12:57:19 AM
slides			File Folder	1/17/2008 9:43:10 PM
styles			File Folder	1/17/2008 8:30:04 PM
videos			File Folder	1/4/2008 9:31:48 PM
_shell.html		6,691	Firefox Docum...	1/16/2008 12:24:28 AM
accommodations100.html		7,460	Firefox Docum...	1/13/2008 10:38:16 PM
calendar100.html		27,495	Firefox Docum...	1/17/2008 9:16:01 PM
codingSteps.html		10,707	Firefox Docum...	1/16/2008 12:47:16 AM
computing100.html		12,185	Firefox Docum...	1/13/2008 10:41:02 PM
conduct100.html		12,805	Firefox Docum...	1/13/2008 10:40:28 PM
extra_credit_papers.html		2,292	Firefox Docum...	1/6/2008 9:51:34 PM
grading100.html		13,387	Firefox Docum...	1/17/2008 1:14:31 PM
index.html		14,719	Firefox Docum...	1/17/2008 8:32:04 PM
movies.html		8,484	Firefox Docum...	1/14/2008 12:18:15 PM
syllabus100.html		21,191	Firefox Docum...	1/13/2008 10:38:16 PM
vision100.html		8,928	Firefox Docum...	1/13/2008 10:38:58 PM

0 B of 248 KB in 0 of 22

Remote: /cse/www/education/courses/100/08wi

Name	Ext	Size	Changed	Rights
..			12/16/2007 1:55:11 PM	rw-rw-rw-
examples			1/8/2008 8:57:38 AM	rw-rw-rw-
files			1/8/2008 8:57:43 AM	rw-rw-rw-
homework			1/9/2008 2:33:11 PM	rw-rw-rw-
images			1/9/2008 3:13:00 PM	rw-rw-rw-
labs			1/16/2008 1:12:32 AM	rw-rw-rw-
other			1/17/2008 9:53:12 PM	rw-rw-rw-
projects			1/16/2008 1:13:24 AM	rw-rw-rw-
slides			1/16/2008 5:13:38 PM	rw-rw-rw-
styles			1/8/2008 8:58:30 AM	rw-rw-rw-
videos			1/8/2008 8:58:32 AM	rw-rw-rw-
_shell.html		6,855	1/12/2008 11:47:31 PM	rw-rw-rw-
accommodations100.html		7,353	1/13/2008 10:43:09 PM	rw-rw-rw-
calendar100.html		26,715	1/17/2008 1:32:38 PM	rw-rw-rw-
calendar100_OLD.html		27,650	1/16/2008 12:33:56 AM	rw-rw-rw-
codingSteps.html		10,508	1/13/2008 10:38:16 PM	rw-rw-rw-
computing100.html		12,063	1/13/2008 10:43:11 PM	rw-rw-rw-
conduct100.html		12,595	1/13/2008 10:43:12 PM	rw-rw-rw-
grading100.html		13,084	1/17/2008 1:15:27 PM	rw-rw-rw-
index.html		14,479	1/17/2008 8:32:19 PM	rw-rw-rw-
movies.html		8,347	1/14/2008 12:18:44 PM	rw-rw-rw-
syllabus100.html		20,915	1/13/2008 10:43:14 PM	rw-rw-rw-
vision100.html		8,816	1/13/2008 10:43:14 PM	rw-rw-rw-

0 B of 165 KB in 0 of 22

F2 Rename F4 Edit F5 Copy F6 Move F7 Create Directory F8 Delete F9 Properties F10 Quit

SFTP-3 0:02:09



# Searching the WWW

*Locating the right information  
on the WWW requires effort*



# Looking In the Right Place

Google is not the first place to look

- Go directly to a site -- [www.irs.gov](http://www.irs.gov)

Guessing a site's URL is often very easy, making it a fast way to find information

- Go to right site -- [dictionary.cambridge.org](http://dictionary.cambridge.org)
- Go to the library -- [www.lib.washington.edu](http://www.lib.washington.edu)
- Go for the kind of information you want -- [www.npr.org](http://www.npr.org)

Ask, "What site provides this information?"



# Search Engines

No one controls what's published on the WWW ... it is totally decentralized

To find out, *search engines crawl* Web

\* Two parts

- *Crawler* visits Web pages building an *index* of the content (stored in a database)
- Query processor checks user requests against the index, reports on known pages

Only a fraction of the Web's content is crawled





# Google Advanced

Google™ [Advanced Search Tips](#) | [All About Google](#)

**Advanced Search**

**Find results**

with **all** of the words  10 results

with the **exact phrase**

with **any** of the words

**without** the words

**Language** Return pages written in

**File Format**  return results of the file format

**Date** Return web pages updated in the

**Occurrences** Return results where my terms occur

**Domains**  return results from the site or domain  
e.g. google.com, .org [More info](#)

**SafeSearch**  No filtering  Filter using [SafeSearch](#)



# Boolean Queries

Search Engine words are independent

Search for ►

- \* Words don't have to occur together
- To be explicit about occurrences use Boolean queries and quotes
  - \* Logical Operators: AND, OR, NOT
    - monet AND water AND lilies
    - "van gogh" OR gauguin
    - vermeer AND girl AND NOT pearl



# Demonstration

- Google Images
  - \* monet AND water AND lilies
  - \* "van gogh" OR gauguin
  - \* vermeer AND girl AND NOT pearl



# Queries

## Searching strategies ...

- \* Limit by top level domains or format
- \* Find terms most specific to topic
- \* Look elsewhere for key words, e.g. bio
- \* Use exact phrase only when universal
- \* If too many hits, re-query
- \* "Search within results" using "-"



# Queries

- Once found, ask if site is best source
  - \* How authoritative is it?
  - \* Can you believe it?
  - \* How crucial is it that the information be true?
    - Cancer cure for Gramma
    - Hikes around Seattle



# Truth on the Web

- Much Web information is wrong
- Using the Web effectively means recognizing quality information
  - Information from reliable organizations is usually preferred -- check out ownership
  - Look for accuracy, currency, ...
  - Follow links to verify that the content supports the original page

Best: Locate independent verification



# A Bogus Site

**The Burmese Mountain Dog**



**Burmese Mountain Dog Guarding**

**Gawdawpalin Temple**

---

The **Burmese Mountain Dog** is a medium sized, muscular dog originally bred in Burma (Myanmar) to guard Buddhist temples. It was bred to guard the temples, and keep the temples free of rodents and beggars. It is also known as the Burmese Temple Dog. In 1954, a group of Burmese Opium Lords set up a standard for the **Burmese Mountain Dog** which has remained virtually unchanged ever since. The Burmese Mountain Dog Club of America was established in 1985 to foster the breed in the United States and the world.

So you want to own a **Burmese Mountain Dog**?

- The **Burmese Mountain Dog** is a breed of dog able to guard, ferret small game, and protect property.
- The **Burmese Mountain Dogs** are remarkably clean dogs. They are easy to keep as they are rarely noisy or

<http://www.burmesemountaindog.org/>



# A Bogus Site

Attention Students: Try our MLK Pop Quiz

Martin Luther King, Jr.

## A True Historical Examination

That night King retired to his room at the Willard Hotel. There FBI bugs reportedly picked up 14 hours of party chatter, the clinking of glasses and the sounds of illicit sex - including King's cries of "I'm f--ing for God" and "I'm not a Negro tonight!"

Newsweek Magazine  
January 19, 1998



## Historical Writings

Essays, Sermons, Speeches & More

## Truth About King

Who He Fought and Fought For

## Death of the Dream

The Day King Was Shot

## The King Holiday

Bring the Dream to Life

## Civil Rights Library

History of People and Events

## Jews & Civil Rights

Who Led The Civil Rights Movement


## Suggested Books

<http://www.MartinLutherKing.org>





# True Site, Bogus Implication



The screenshot shows the homepage of DHMO.org. At the top left is the EAC logo (United States Environmental Assessment Center). The main header features the DHMO.org logo and the text "Dihydrogen Monoxide Research Division". On the right, there is a circular badge that says "Support the cause! Visit the DHMO.org Store" with logos for VISA, PayPal, and MasterCard. The page is divided into three columns. The left column is titled "DHMO Special Reports" and contains a list of links: "Dihydrogen Monoxide FAQ", "Environmental Impact of DHMO", "Dihydrogen Monoxide and Cancer", "DHMO Surveys & Research", "DHMO in the Dairy Industry", "DHMO Conspiracy", "Editorial: Truth about DHMO", "Fake Email SPAM Alert", and "Linking to DHMO.org". The middle column is titled "WELCOME" and contains a paragraph: "Welcome to the web site for the Dihydrogen Monoxide Research Division (DMRD), currently located in Newark, Delaware. The controversy surrounding dihydrogen monoxide has never been more widely debated, and the goal of this site is to provide an unbiased data clearinghouse and a forum for public discussion." Below this is another paragraph: "Explore our many Special Reports, including the DHMO FAQ, a definitive primer on the subject, plus reports on the environment, cancer, current research, and an insider." The right column is titled "DHMO Related Info:" and contains several links: "Media Press coverage", "National Consumer Coalition Against DHMO", "Green Party, New Zealand", "Environmental Protection Agency", and "NIH National Toxicology Program". At the bottom of the screenshot, a dark grey bar contains the URL "http://www.dhmo.org".

**EAC**  
United States  
Environmental  
Assessment  
Center

## DHMO.org

Dihydrogen Monoxide  
Research Division

Support the  
cause! Visit the  
DHMO.org  
Store

VISA PayPal MasterCard

### DHMO Special Reports

- [Dihydrogen Monoxide FAQ](#)
- [Environmental Impact of DHMO](#)
- [Dihydrogen Monoxide and Cancer](#)
- [DHMO Surveys & Research](#)
- [DHMO in the Dairy Industry](#)
- [DHMO Conspiracy](#)
- [Editorial: Truth about DHMO](#)
- [Fake Email SPAM Alert](#)
- [Linking to DHMO.org](#)

### WELCOME

Welcome to the web site for the Dihydrogen Monoxide Research Division (DMRD), currently located in Newark, Delaware. The controversy surrounding dihydrogen monoxide has never been more widely debated, and the goal of this site is to provide an unbiased data clearinghouse and a forum for public discussion.

Explore our many [Special Reports](#), including the [DHMO FAQ](#), a definitive primer on the subject, plus reports on the [environment](#), [cancer](#), [current research](#), and an [insider](#).

DHMO Related Info:

- [Media Press coverage](#)
- [National Consumer Coalition Against DHMO](#)
- [Green Party, New Zealand](#)
- [Environmental Protection Agency](#)
- [NIH National Toxicology Program](#)

<http://www.dhmo.org>



# Unit I Project

Create a bogus (fictitious) Web page

To appreciate how easy it is to fake  
"quality" info you will build a bogus  
Web page

- Modify photograph, changing its meaning
- Write misleading text
- Add "authenticity" links, fake credentials ...



# Unit I Project

- \* Your page should look as legitimate as possible, but contain false information
- \* A site visitor should start out believing your site, but by the time they finish reading, they should realize that it's a hoax
- \* Forget subtlety!



# Project 1 Details on Web

You will ...

- \* Write page in HTML
- \* Find/take a photo
- \* Modify w/ Photoshop
- \* Find "authenticity" links
- \* Milestones

- Turn In by 5pm Friday January 25:  
Web page plans and selected photos
- Turn In by 5pm Friday February 1:  
Complete Web page + photo

## Topics

Mars Rover  
Iraq Reconstruction  
UW Athletics Woes  
Democratic Race  
California Recall  
Recent Int'l Story  
Google Research



## Here's How It Works

Follow these steps:

- \* Create your page on your local computer
- \* When finished, publish it on the server
- \* Do not touch after the deadline (5:00 pm)
- \* Submit your files in Catalyst Collect It
- \* Leave your page unchanged until grading is complete

We will check  
the timestamps



## Upcoming

- HW 2 due tonight at 5pm
- Martin Luther King holiday on Monday
- Labs 2 and 3 are due Tuesday
- For Wednesday:
  - \* Read Chapter 7 of *Fluency*
- Any lab next week:
  - \* Pop quiz



# Questions

- Over the weekend and throughout the next six weeks, think about
  - \* What is Dante and where is it?
  - \* Where are your Web files stored?
  - \* What is the Students server?
  - \* How does Students relate to what is in your SSH File Transfer window?
  - \* What does "local" mean?
  - \* What does "remote" mean?