Announcements

- No lectures or labs next week
- No final!
- Due dates (see Calendar)
  - Monday—Lab 12
  - Tuesday—Labs 8/9 extra credit
  - Wednesday—Project 3B
  - Thursday—1-1-1 rule for Project 3B

Announcements

- Drop-In Labs MGH430
  - Tuesday
    - 830am-920pm
    - 500-550pm
  - Wednesday
    - 130-230pm
    - 700-8:30pm (CLUE)
  - Thursday
    - 830-920am

Today's Agenda

- Course wrap-up (15 minutes)
- Clicker Questions (5 minutes)
- Lecture evaluations

Fluency

Fluency has been a huge amount of work … have you learned anything???

Goals of FIT100

FIT100 is designed to …
- Make you better computer users today
- Prepare you to learn more IT as you need it throughout your life
- Upgrade your thinking, making you a better reasoner, problem solver, trouble-shooter, etc.

How have we done?

The Topic List ...

We covered the following topics
- Importance of vocabulary: abstraction
- Learning an app: click or blaze away
- Basics of the Internet, domains, TCP/IP, ...
- HTML programming: tags, tags, tags
- Structuring information, queries, Google
- Truth or Fiction? Misinformation Web site
  - Examples of this quarter's best!

The Topic List ...

- Digital representation—using bits
- Computer basics and Silicon technology
- Algorithms—sorting with CDs
- Programming ideas—Mad Libs
- Building a GUI in HTML/JavaScript
- Functions—biggest idea in software
- Iteration—looping over & over & over &
- Animation, making things happen

The Topic List ...

- Problem solving, troubleshooting
- JavaScript summary
  - loops, prefetching, animation, mouseOver, functions, ...

Emoticons

The Topic List ...

- Digital Media, colorizing, binary, MP3,
- Database basics, operations on tables
- Logical Databases—views and queries
- DB design chalk talk—Student Athletes
- Netiquette, viruses, worms, email
- Privacy —opt-in/opt-out, you decide
- Encryption—hiding secrets from everyone
- Do computers think? Turing tests
- … and today the wrap-up

Fluency Topics

Fluency topics can be classified as
- Skills
- Concepts
- Capabilities

Skills

Skills are the ability to use computers today to solve your problems
- You have learned new applications … sFTP, Photoshop, Excel, Access, …
- Better yet, you've learned how to learn applications: "Click Around," "Blaze Away"
- You should be an aggressive, confident user
- Could you learn your next application on your own?

Concepts

Concepts are the foundation of future learning … you should be ready
- You know how the Internet's TCP/IP works (postcards), how a computer works (F/E cycle), how JavaScript makes animations
- And privacy, netiquette, writing queries, ...
- We don't know what the next technology will be, but it will look familiar to you because you'll see ideas you know

"Popularized" technology should be understandable

Capabilities

The most ambitious goal of this class is to expand your thinking

- Reasoning, debugging, finding information, designing pages or databases, problem solving, research, expecting unexpected,…
  - It's not easy to learn these things … was debugging ever fun???
  - All capabilities will be used beyond IT!

By surviving FIT100, you've become a better student!

Where do we go from here?

- Technical majors at UW
  - Computer Science & Engineering
  - DXarts
  - Human-Computer Design & Engineering
  - Informatics major

Eleven Tech Majors at UW

Where to go from here…

Majors	Dept.	Focus
Computer Science and Engineering	CSE	- Programming - Animation - Robotics
Informatics	iSchool	- Human-Computer Interaction - Web Design (user experience) - Networking - Security
DXarts	Art	- Web Design (visual)
Technical Communication	TC	- Web Design (content) - Documentation for software

FIT Pioneers

Your experience in this class will make FIT100 better for UW students, and students across the world

When you do something clever because of FIT100, tell us:
- daclem@u.washington.edu
- snyder@cs.washington.edu

Teaching Assistants

- Yuan Lin

- Miranda Belarde-Lewis

- Jeff Hemsley

Others

- Rick Chen, CLUE tutor

And now the evaluation

We'll do course evaluation for the course and instructor

- It's voluntary, but I hope you do it
- Two forms, white and yellow
- Use #2 pencil to bubble in results
- I need a volunteer to collect evals

I will leave