

Announcements

- Due Dates
 - Tuesday—Extra Credit Lab 12
 - Wednesday—Project 3B
 - Thursday 1-1-1-1 rule—Project 3B
- Special Drop-In Labs
 - Monday 2-5pm MGH 030
 - Tuesday 2-5pm OUGL 102
 - Tuesday 630-800pm TBA
 - Wednesday 9am-Noon TBA

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Today's Agenda

- Course wrap-up (10 minutes)
- Lecture evaluations (15 minutes)
- Reflection Paper (5 minutes)
- Questions on Project 3B (optional)

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Fluency

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

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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?

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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? Bogus Web Page
- Debugging guidelines

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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

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The Topic List ...

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

Emoticons

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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

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Fluency Topics

Fluency topics can be classified as

- Skills
- Concepts
- Capabilities

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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?

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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

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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!

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Eleven Tech Majors at UW

Where to go from here...

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

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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

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And now the evaluation

We'll do course evaluation for the course and instructor (TA's in labs this week)

- 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 ... and come back in 15 minutes

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Quick Write 10

- Put everything away
 - Phone, pda, laptop, notebook, textbook
- Desk should be clear except for pen or pencil
- You have five minutes

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Hints and Solutions

PROJECT 3B (OPTIONAL)

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