Announcements

FIT100

- Due date changes
  - ∗ Labs 7/8 due before noon this Wed. (May 14)
    - Last page is extra credit
  - ∗ Project 2B due before noon next Wed. (May 21)

Drop-In Labs

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Announcement

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- Lecture Friday is canceled
  - ∗ MGH is venue for **Undergraduate Research Symposium**
  - ∗ Noon - 5pm throughout Mary Gates
  - ∗ You're excused from lecture to attend!
  - ∗ 4th floor labs are still available

Quiz and Quick Write

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- This week
  - ∗ Review the questions at the end of these chapters:
    - *Fluency* chapters 18 and 20
    - *QuickStart* chapters 1 and 2
- All JavaScript!

- Topics will include:
  - Variables
  - Values & data types
  - Assignment statements
  - Rules for identifiers
  - Conditionals
  - Loops
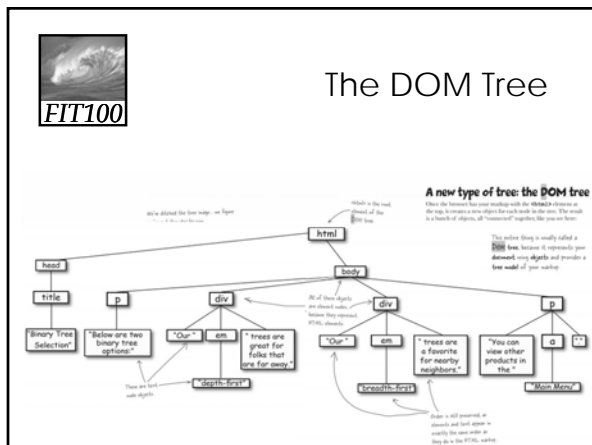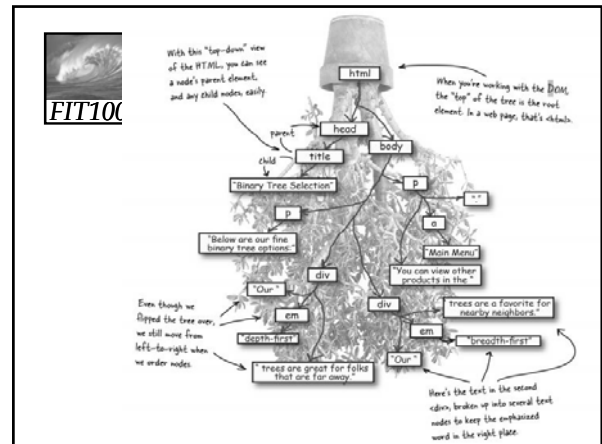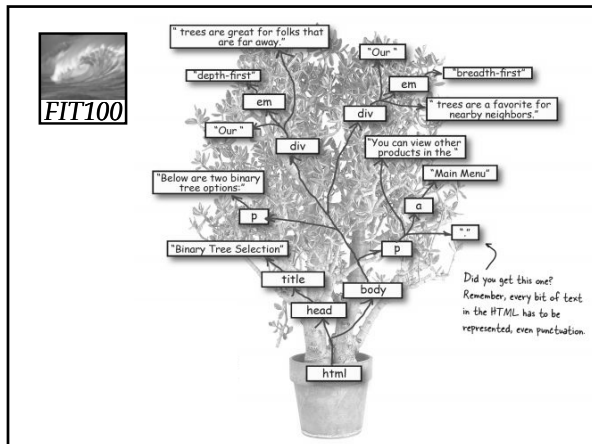 - Arrays
  - Functions
  - Curly brackets

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Understanding the document tree, revisited

DOCUMENT OBJECT MODEL (DOM)

DOM Exercise 2

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The DOM Tree

A new type of tree: the DOM tree

Quick Write

- Put everything on the floor except a pen or pencil
- No laptops, pda's, cell phones, etc.
- No notes, textbooks, etc.
- No discussions with your neighbors
- No wandering eyes
- Write for five minutes

Exercise 3

- DOM Exercise 3
  * *Discuss what happens when the line of code in red runs, or executes:*

Exercise 3

```
<form>
<label for="animal">
  Enter an animal:</label>
  <input type="text" id="animal" name="animal" />
</form>
<script type="text/javascript">
  //other code here
  animal=document.getElementById("animal").value;
  //other code here
</script>
```

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Exercise 3

- What is **document**?
  * \<body>
- What does **getElementById** do?
  * Looks for an HTML element
- What does **"animal"** do?
  * Specifies the name of the id to find

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Exercise 3

- What does **.value** mean?
  * Grabs the value entered by the user in the animals text box
- Explain **animals =** and what it does.
  * Assignment statement
  * Assigns the results of everything on the righthand side to animals.

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Reminders

- Friday lecture is canceled
  * Undergraduate Research Symposium Noon-5pm
- Project 2B is due Wednesday before Noon