

# CS253: Software Development

Welcome to Lecture 7!

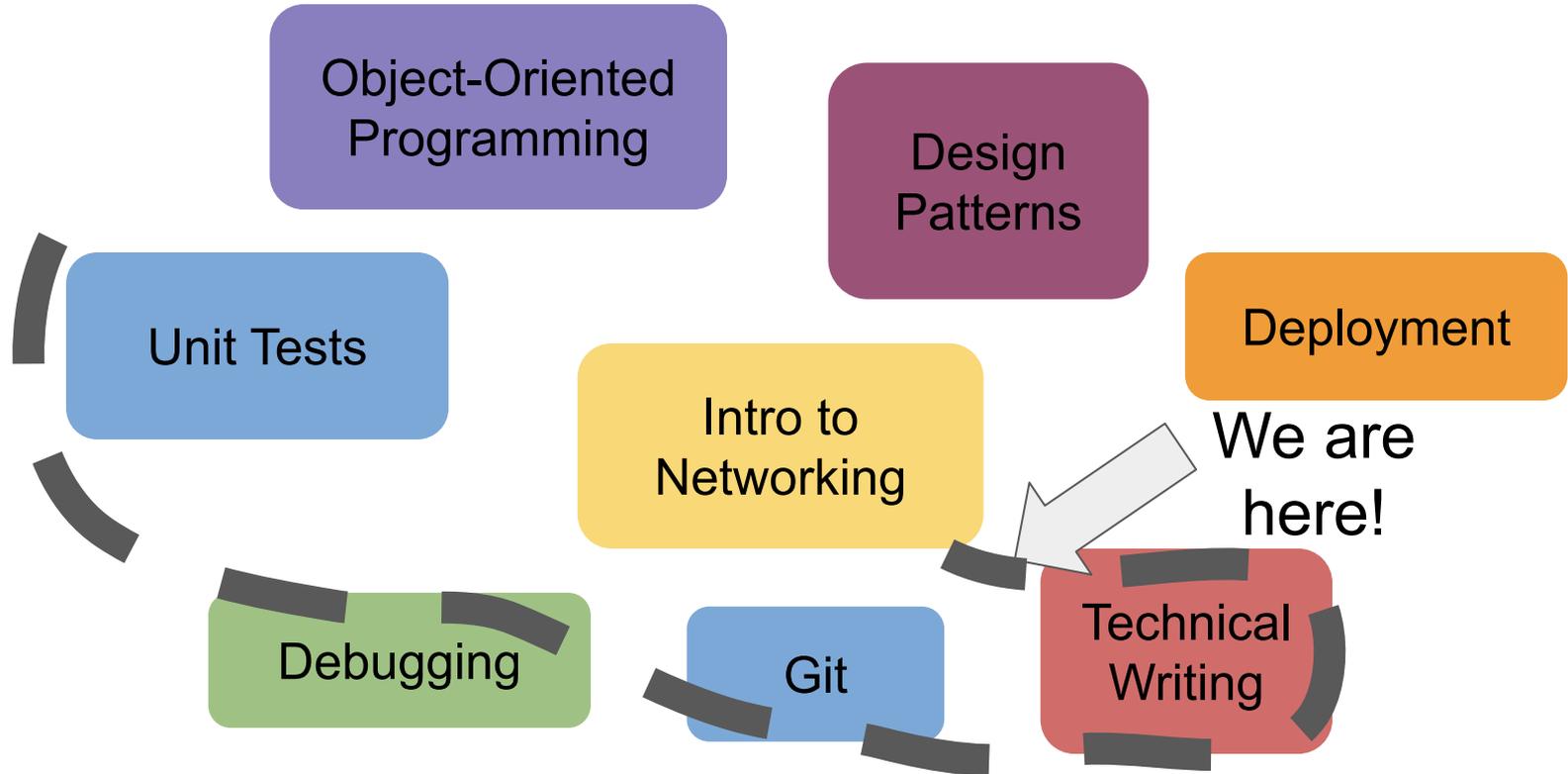
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# Announcements

- Today/this week: putting pieces together! Deeper look at HTML and introducing CSS, and Javascript III
- Assignment1 is done! Great job!! Course staff will have that graded and back to you as soon as possible (most likely within one week from today...we will aim to get all assignments back within one week). Assignment2 is coming this week (will involve creating components of a small web application: HTML/CSS/Javascript)
- I'll send out a very brief survey on Assignment1, so please keep a lookout for that
- I will be on-campus for a week! Oct 3 - Oct 5, so those class days will still be remote, but I'll also be in CNS (I would love to see you!!)

# Roadmap



HTML

**HTML**



# Intro to the Document Interface (con't.)

- HTML
  - **HTML (Hypertext Markup Language)** is the standard markup language used to create web pages
  - First developed by Tim Berners-Lee (MIT, Oxford, inventor of WWW), a British computer scientist, in the early 1990s
  - HTML was created as a means to share and format documents containing hyperlinks, allowing users to navigate between related documents on the emerging web

# Intro to the Document Interface (con't.)

- HTML allows you to structure the content of a web page by using **elements** and **tags**, which define how text, images, links, and other things are displayed
- Elements:
  - `<html>`
  - `<head>`
  - `<script>`
  - `<meta>`
  - `<p>`
  - `<ul>`
  - `<li>`
  - `<body>`

CSS

**CSS**



# CSS

- **CSS (Cascading Style Sheets)** describes the presentation of a document written in HTML
- First developed by computer scientists in 1994 at the European Organization for Nuclear Research (CERN)
- Makes things look nice!

# CSS

- Example:

```
p {  
    color: blue;    /* Change text color to blue */  
    font-size: 16px; /* Set font size to 16 pixels */  
}
```

- Without CSS
- **With CSS**

# Practice

What are your questions?





Thank you!