

# Announcements...

- Project #5 posted
- Median on exam was 80. (Nice work.)
- Probably starting recursion next class (be here!)

# Go Over Exam...

# Organization of Complex Web Site

**A complex site typically consists of three separate components:**

- 1. Many HTML pages – describes structure and content**
- 2. One CSS sheet – describes style**
- 3. One JavaScript file – contains functions that allow user interaction, and make the page dynamic**

**Typical file names for a web site:**

`page1.html, page2.html, page3.html, page4.html`

`myStyle.css`

`myCode.js`

# Why separate JavaScript from HTML?

1. Saves time if several pages use the same functions.
2. You can change functionality for several pages by editing one JavaScript file.
3. Once visitor's browser has downloaded .js file, it will not have to repeatedly download this information while on the site.
4. One .js file can link to another, allowing easy re-use of existing functions.

# Separating JavaScript

In Head section:

```
<script src="MyCode.js"></script>
```

For code that must run when page first loads:

- Write a function called `main`
- Use the `onload` attribute for the opening `body` tag:

```
<body onload="main()">
```

The main function is often the place for assigning event handlers to form controls. (See example.)

**Examples: [SeparateJavaScript.html](#)**

# Project Demo

- Run it
- Look at code distribution