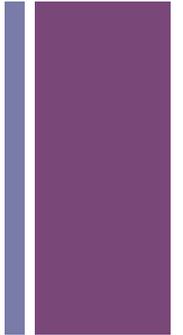


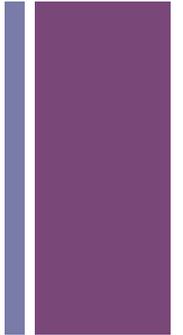
PHP Class Logistics

+ Tonight's Topics



- Log on to Canvas
- Lab Time
- Assignments are due on Thursday nights before class
- Holidays
- BYOD **(c)**
- Your responsibilities
- Add and drop dates and procedures
- About Me
- Computer Science Topics Overview

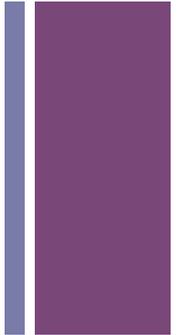
+ Log on to Canvas, etc.



- How to log into Canvas.
 - Start on the Mission College web page.
 - (Or start on the blog page.)

- Blog: <http://cis086.blogspot.com>
 - Class materials
 - Pinterest board

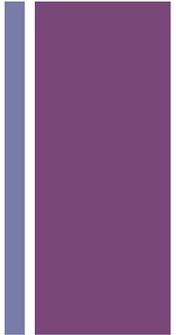
+ Lab time



- I usually publish the lab PowerPoints immediate before class, so you should download from Canvas as soon as you get to class.
- I sometimes use the first half of lab time to go over finer points that are not in the textbook, and answer questions.
- After the break, we will do actual coding and work together in groups.
- If you get here late or leave early, you will miss a lot.

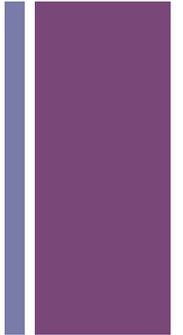


Assignments due on Thursday nights



- Lecture videos will be available on Mondays.
- Labs will be on Thursday nights.
- Assignments will be due on the Thursday night following the lab (one week later) before class starts.
- There is a 24-hour grace period where you will still receive full credit. So you can still ask questions on Thursday night after the assignment is due.
- There is a 72-hour late period where you will still receive 80% credit.

+ Holidays



- Thanksgiving Break is Nov. 22–24.
- There will be lecture and homework materials available on Monday that week.
- There will be no lab that week.
- I may give you extra time to work on assignments around that time.
- The schedule is subject to change.

+ BYOD (**c**)

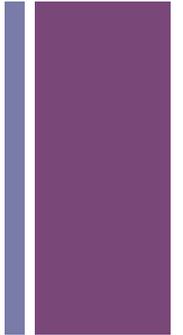
- Bring your own device **CHARGED**.
- There are no power outlets in the lab, in the desks or in the walls near the desks.
- **Do not** dig around inside the desks, because it could mess up the entire network throughout the building.
- If you are unable to bring a laptop that can stay charged the whole time, it may be better if you work on the school's workstations.
- A recent Mac laptop or any laptop with SSD ought to last several hours.
- Mac users: you **can** learn to use the PC's in the classroom.



About Me

C++	<ul style="list-style-type: none">• I have been coding in C++ since 1994.• I teach a beginning C++ class at Ohlone College.
PHP	<ul style="list-style-type: none">• I have been coding in PHP since 2003.• I wrote the largest web site in the world devoted to round dancing reference information.
JavaScript	<ul style="list-style-type: none">• JavaScript is my favorite programming language.• JavaScript is an excellent language to start with.• Mission College has an excellent JavaScript course.
Mobile	<ul style="list-style-type: none">• I teach Mobile App Development (for iOS devices) at Metro Ed, a CTE high school. (Career and Technology Education)
More?	<ul style="list-style-type: none">• I have done hardware manufacturing, QA, R&D engineering, systems engineering, technical writing, embedded programming, Windows, Mac, Web, Android, and iOS programming.

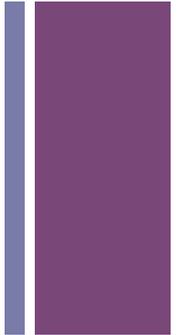
+ PHP and Me, BFFs



- I've been using PHP for a very long time.
- I've helped others learn PHP.
- I've helped people who were struggling with PHP.
- I know a lot about debugging in general and debugging PHP in particular.
- I've found obscure bugs in students' PHP code.

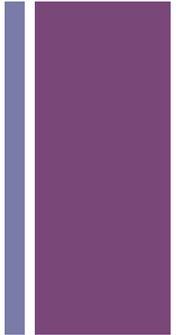


Three components of this class



- **Web development (about one week)**
 - Proper standard HTML (HTML5)
 - A little CSS
- **PHP (about 12 weeks)**
 - Form processing
 - Using Templates
- **MySQL (about 2–3 weeks)**
 - Storing data and Retrieving data
 - Command line for setting up your database
 - Using PHP to view and update your database

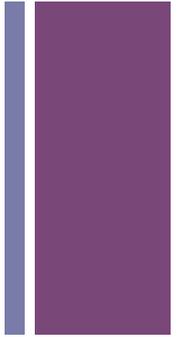
+ Your responsibilities



- Know the add, drop, and withdraw dates if you need them.
- Read the syllabus
- Watch the weekly lecture videos (if any)
- Read everything on the discussion forum, and participate
- Read any emails or announcements I send to the class (hopefully just once a week or less)
- Know the due dates
- Download all the lecture PowerPoints, sample code, schedules, assignments, etc. from Canvas and/or the blog.



Add & drop dates & procedures

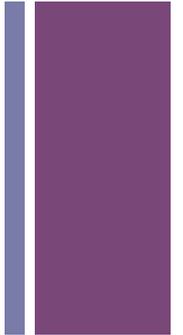


- Last day to add the class: September 8 (**tomorrow**)
- Last day to drop the class, avoid “W” on your transcript, and get a refund: September 8 (**tomorrow**)
- (You may go into the office on Sept. 12)
- Last day to drop the class, get “W” on your transcript, and no refund: November 17-ish
- Procedure:
 1. Log in to Portal,
 2. Find your classes,
 3. Put a check mark next to the correct class, and
 4. Hit the button.
- It is your responsibility to drop the class. I will not drop you from the class. Pay attention to these final drop deadlines.



Assignment 2:

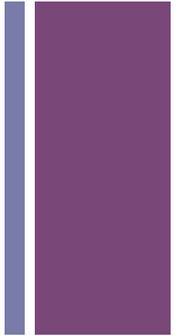
Your student web site



1. Banner
2. Your name
3. Your account number
4. A link to another web page, preferably one useful to you in this class
5. A photo, *preferably of you*
6. Upload this page to php.missioncollege.edu
 - Using your FTP software, which should already be installed on your computer
 - Using your account number

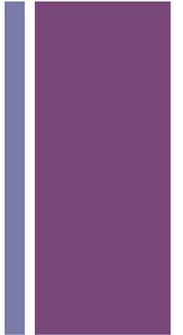


Basic Computer Science Topics



- (You should know these already if you took a previous programming class)
- Numbers
- Booleans
- Operators
 - Math operators
 - Logic operators
- Data types
- Strings
- Expressions
- Statements

+ Universal Comp Sci Topics



- in all (ok, most) programming languages

- Conditionals

- If
- Switch

- Loops

- For
- While

- Arrays

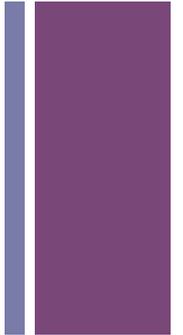
- Strings

- Files ←

- Functions

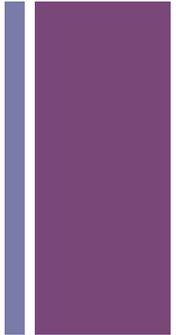


Week 3 Homework Preview



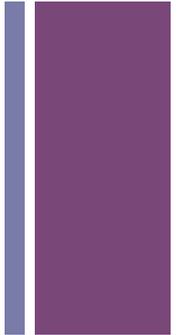
- You will print out some variables and do some mathematical calculations using operators.
- You will create and print out arrays.
- You will collect 12 images that will form the basis of your final class project.
- You will write short descriptions of the 12 images.
- You will create buttons for your site in Photoshop or CSS.
- You will put the files in a folder, create links to the home page, and upload the files to the server so I can view them.

+ Set of 12



- 12 Signs of the Chinese Zodiac
- 12 Football/Baseball/Soccer teams
- 12 Pixar movies
- 12 Disney characters
- 12 Programming languages
- 12 Tribes of Israel
- 12 Banned Books
- 12 Media formats (LP, cassette, CD, DVD, etc.)
- 12 country flags
- 12 European countries

+ Example: 12 Images



Dina



Claire



Dorothy



Dale



Lottie



Marigold



Sonny



Hannelore



Mildred



Walky



Joyce



Shauna

+ Example: Buttons

- You can make the buttons using Photoshop.
- You can make the buttons using CSS by applying a shadow, linear gradient, hover effect, or other.
- The buttons should all be the same width and height, and use the same font size, even if the shorter text items do not fill the button.

