NewMediaArts

Kapiʻolani Community College, University of Hawaiʻi
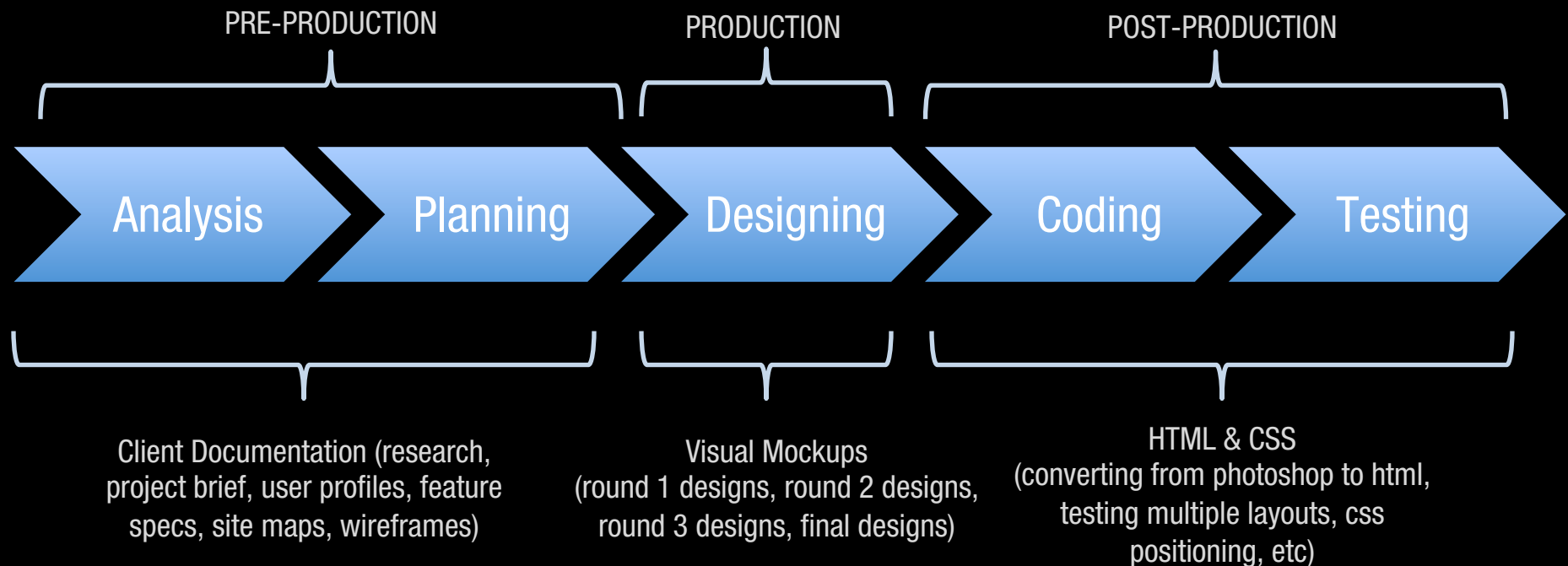
INTERFACE PROGRAMMING 1

THE DESIGN PROCESS
INTERFACE DESIGN

USER PERSPECTIVE (Human/User Centered Design)

Client needs, User needs, Usability, Features, Site Organization, Visual Designs

PRE-PRODUCTION

PRODUCTION

POST-PRODUCTION

Analysis ➤ Planning ➤ Designing ➤ Coding ➤ Testing

Client Documentation (research, project brief, user profiles, feature specs, site maps, wireframes)

Visual Mockups
(round 1 designs, round 2 designs, round 3 designs, final designs)

HTML & CSS
(converting from photoshop to html, testing multiple layouts, css positioning, etc)
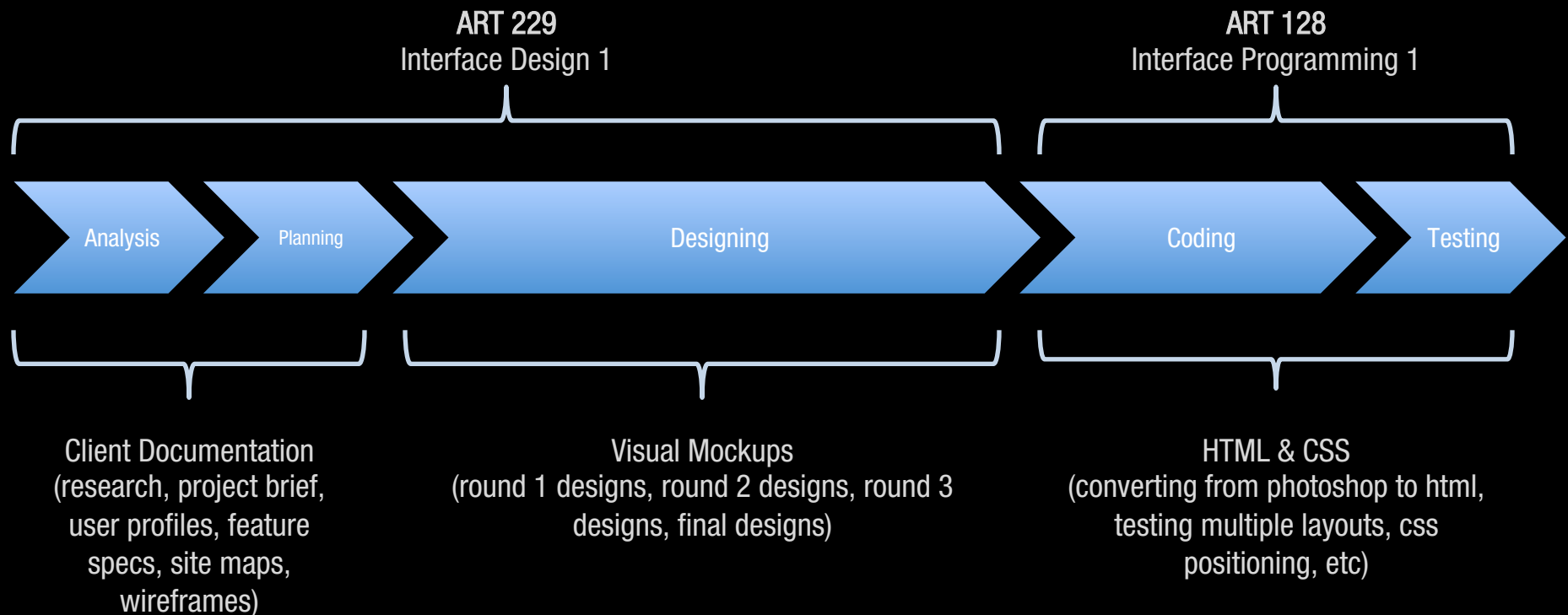
SYSTEM PERSPECTIVE (Technologies)

System needs, Scripting & Programming Languages, Content Management, Site Maintenance, Site Validation
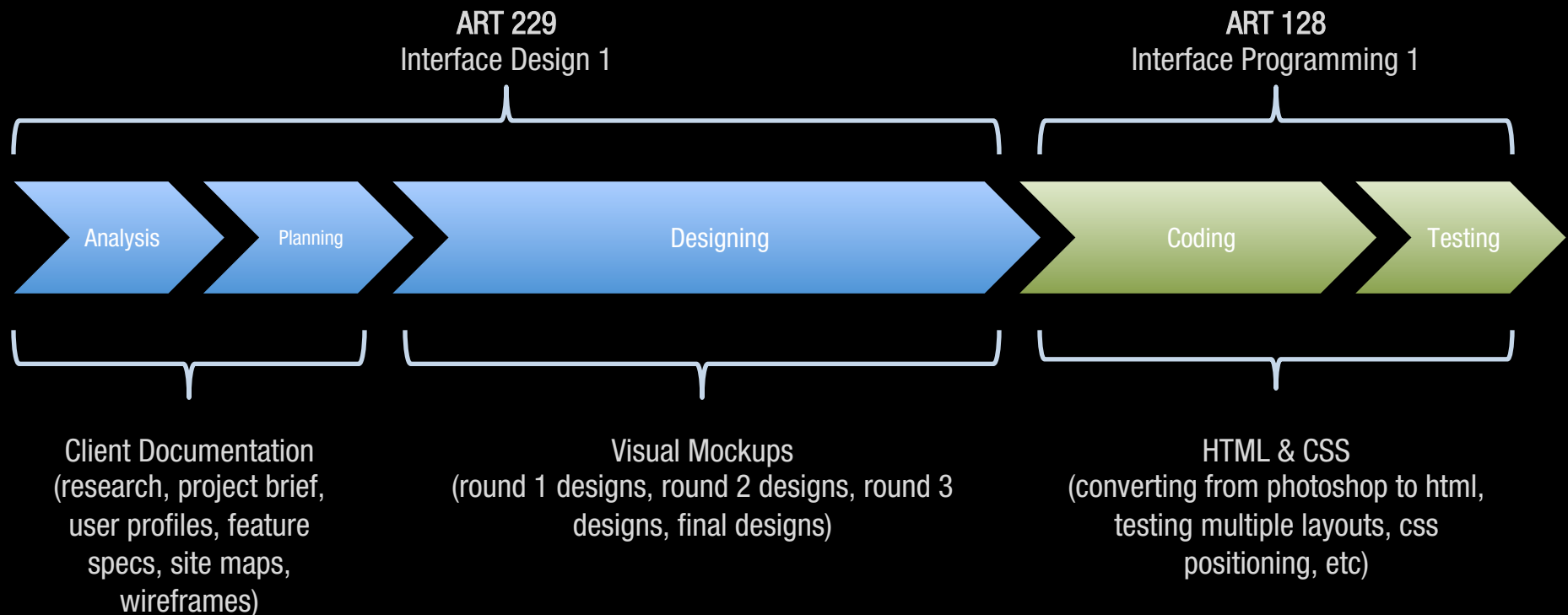
THE DESIGN PROCESS
INTERFACE DESIGN

A MORE REALISTIC TIME ALLOCATION:

ART 229
Interface Design 1

ART 128
Interface Programming 1

Analysis | Planning | Designing | Coding | Testing

Client Documentation
(research, project brief, user profiles, feature specs, site maps, wireframes)

Visual Mockups
(round 1 designs, round 2 designs, round 3 designs, final designs)

HTML & CSS
(converting from photoshop to html, testing multiple layouts, css positioning, etc)

THE DESIGN PROCESS
INTERFACE DESIGN

A MORE REALISTIC TIME ALLOCATION:

ART 229
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ART 128
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Analysis

Planning

Designing

Coding

Testing

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GAME PLAN
SEMESTER OUTLOOK

HOW MY CLASSES WORK

» Video lessons

» 1 on 1 meetings

CRITIQUES

» Critiquing both the presenter and the critic

» Class participation grade

LESSON
TIPS, TRICKS, & TECHNIQUES

WHAT ARE "WEB STANDARDS"?

» Keywords: "well-formed, semantic, accessible, web-standard-compliant"

WHAT IS "FRONT-END" CODING?

» What is Markup?

» Doctypes: HTML? XHTML? HTML5?

» What is CSS?

» What is Javascript? Jquery?

WHAT'S THE DIFFERENCE BETWEEN CONTENT & STYLE? WHAT ABOUT FUNCTION?

» The importance of separating content from style

SO WHAT IS ALL OF THE HTML5 HYPE ALL ABOUT ANYWAY?

LESSON
TIPS, TRICKS, & TECHNIQUES

SET UP A LOCAL WORKING ENVIRONMENT & FOLDER STRUCTURE

INTRO TO THE DREAMWEAVER INTERFACE

» Setting up the interface

» Adding browsers for testing

» Setting up a root directory for your class web page & exercises

SETTING UP A BASIC HTML DOCUMENT/INTRO TO HTML

» What dreamweaver spits out

» HTML5-specific code
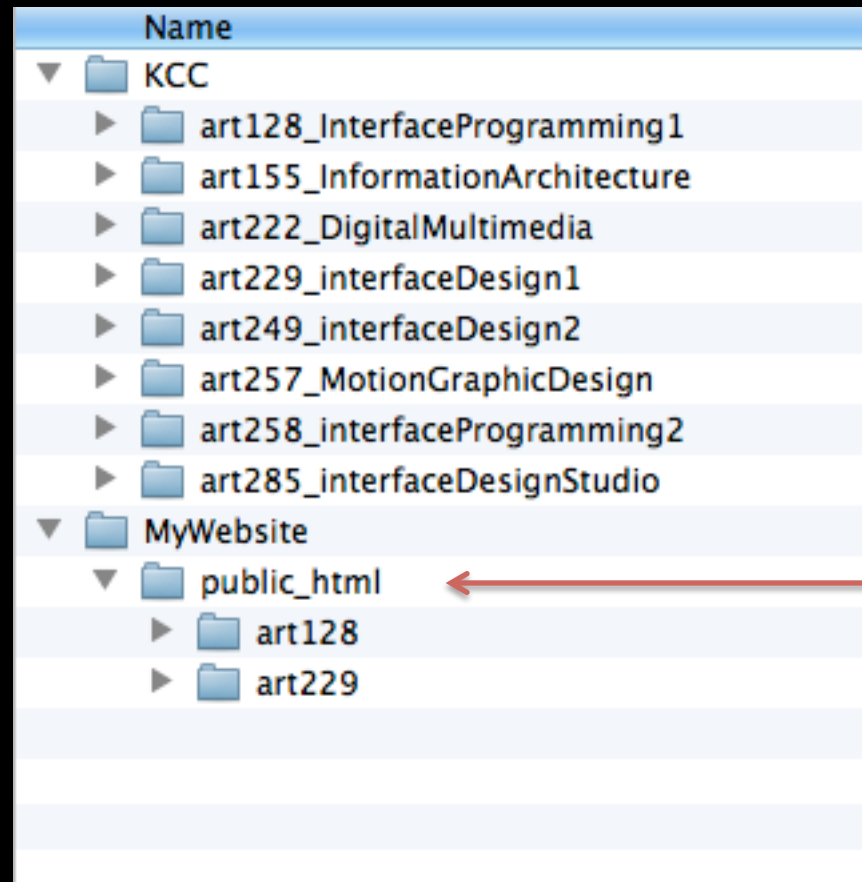
LESSON
TIPS, TRICKS, & TECHNIQUES

SET UP A LOCAL WORKING ENVIRONMENT & FOLDER STRUCTURE

Local Design Files

(Large Source Files like PSD's)

Name
▼ 📁 KCC
▶ 📁 art128_InterfaceProgramming1
▶ 📁 art155_InformationArchitecture
▶ 📁 art222_DigitalMultimedia
▶ 📁 art229_interfaceDesign1
▶ 📁 art249_interfaceDesign2
▶ 📁 art257_MotionGraphicDesign
▶ 📁 art258_interfaceProgramming2
▶ 📁 art285_interfaceDesignStudio
▼ 📁 MyWebsite
▼ 📁 public_html
▶ 📁 art128
▶ 📁 art229

Root Directory

(Where Your Web Site Resides)

Web Site Files Only

(Small HTML, CSS files,

exported images, etc)
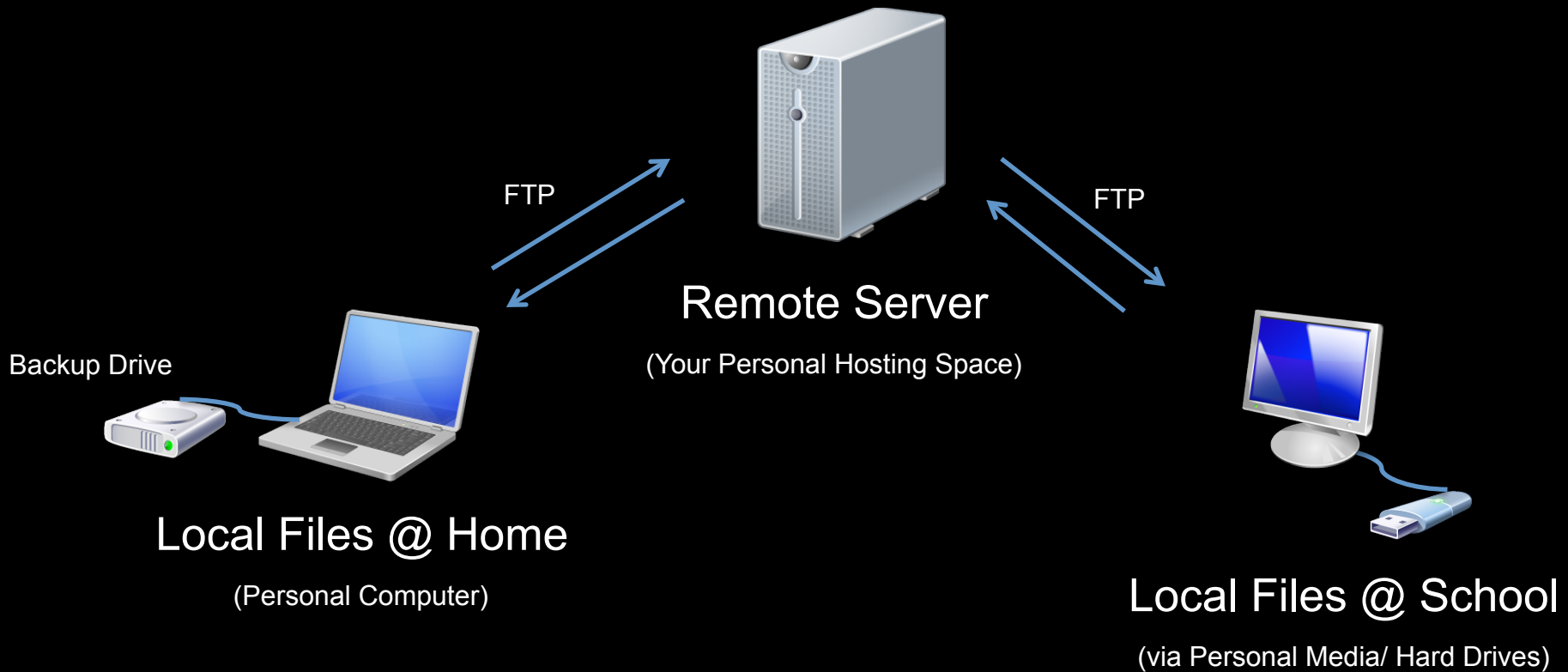
LESSON

SET UP A LOCAL BACKUP SYSTEM @ HOME

Backup Large Drive B

(exact copy of Drive A)

Main Large Drive A

(The Master)

IN-CLASS INTRODUCTIONS
WHO YOU ARE, YOUR GOALS, ETC…

NAME

GOAL FOR THIS SEMESTER
  » What do you want to get out of this course?

IDEAL JOB THAT YOU EVENTUALLY WANT
  » What role/position do you want in that job?

HAVE YOU EVER CODED/BUILT A WEB SITE BEFORE?

HAVE YOU EVER USED DREAMWEAVER BEFORE?
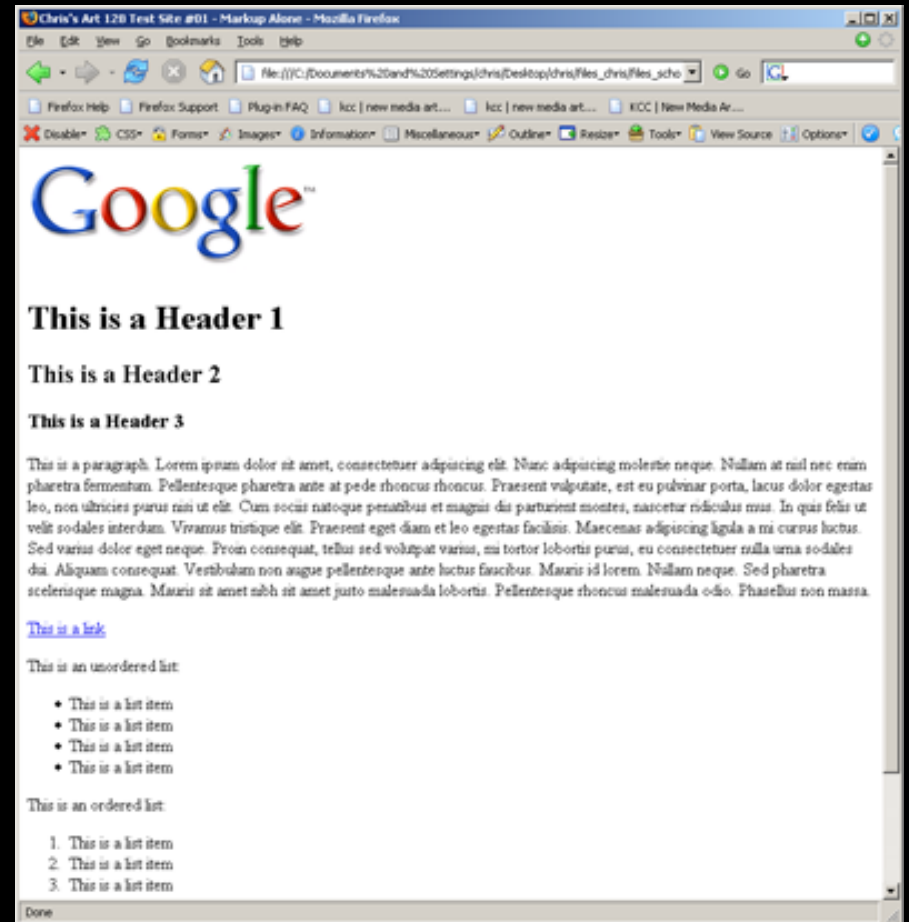 » How comfortable do you feel with using it?

EXERCISE

WE WILL SET UP OUR CLASS WEB PAGE(S)

WE WILL GO OVER SOME BASIC HTML

TIME PERMITTING:

In-Class Exercise:

Create a simple HTML page with mark-up alone.

QUESTIONS?
NO QUESTION IS A DUMB QUESTION

IF YOU EVER HAVE ANY QUESTIONS REGARDING THE PROJECT, PLEASE USE LAULIMA

» Post any questions, concerns, etc. on the Discussion board in Laulima.

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