ICS4U/AP Portfolio   Due:

A portfolio is a way to showcase your strengths, your skills, but it's also a way to communicate your personality, your goals and how you got where you are.

Typically a portfolio is created for the web. HTML5 or an online web editor can be used depending on student skill level and preference. ***The overall weight of the portfolio will be 15% of your course work.***

Submission: Weekly portfolio updates in Google doc are expected. Ultimate due date :_____

The web site you create must be self contained in a folder for viewing and evaluation.

You may use any web technology to create the portfolio. Using online templates is permitted, however marks may be deducted if not properly displaying during evaluation.

General instructions (content): Include best and relevant examples of your learning, include page about yourself and your interests, tutorial pages on course relevant topics (citations are mandatory). Other projects you may be involved with (relevant to programming). Page of ideas for future software projects, extra curricular activities/interests (may or may not be related to programing).

Specific instructions regarding content:

1. A page about you. Who you are as a person and a student. Interests, community involvement, work.
2. One page tutorials in your own words (1 per topic covered in the class- OOP , Array/Array list/ Search and Sort, Recursion
3. Should be written with own words. Examples code from own work or internet can be included. When adapting an online resource the resource must be cited. Should be 1 to 2 pages or screens long.
   - ✓ definition, analyses, independent example of application; (K/A)
   - ✓ explanation of the impact of the structure on the program. (T/C)
   - ✓ Explanation around the project and the problem that was being solved. (T/C)
   - ✓ Explain your approach to problem solving relevant to the concept. Own code example. (K/T/C)
   - ✓ Common mistakes made in code (T)
4. Bibliography page
5. Images of work completed, code, images assisting with tutorial required.
6. Navigation between the pages required.
7. Own work: The work in your portfolio should be your own even when working with a partner. If including the code/work of other people you should always explain why you're including it.
8. Include relevant learning not covered in the course. Provide an example of something you had to learn for a project, competition, other school related event or even learning for the sake of learning.

Evaluation: Each page (except personal achievements page) will contain – topic, explained theory of concept, application example (own code and if internet borrowed well cited).

Student Name _____

Communication

-Expression and organization of ideas and information is done with a high degree of effectiveness (use of charts/graphs, images, visually attractive with consistent headings, bullets/numbering and white space) -Applies language conventions with a high degree of effectiveness (grammar, spelling, vocabulary and terminology, etc.)

LAYOUT/DESIGN

The pages are unattractive. Text is difficult to read. The backgrounds are distracting	The pages appear "busy" or "boring". Text may be difficult to read. The backgrounds are somewhat distracting	The pages are eye-catching and attractive. Text is easy to read, does not clash with the background. The backgrounds are subtle and appropriate.	The pages are well organized with tables. Text spacing and alignment make reading easy. The backgrounds enhance the page.	Consistent format extends page-to-page; design is intentional; Headings and styles are consistent within pages; Text, Images, and links flow together. ***Original design (no template used)***

VISUAL APPEAL/ IMAGES

There are no photos, icons or clip art or they are inappropriate or of low quality	Photos are blurry or fuzzy; stretched. Icons and clip art do not "fit" with the topic. Too many pictures make the load time slow.	Photos, icons, and clip art are appropriate, of high quality, and download fairly quickly.	Photos, icons, and clip art are used creatively and may follow a theme. Thumbnail graphics used.	Images have strong relation to text; some Images are student produced; Images have proper size, resolution, colors, and cropping. A work of art. ***Original design (no template used)***

Application/ Thinking:

-The overall web site demonstrates effective use of color schemes, font, templates, and content to formatting.

-Demonstrates the use of planning skills with a high degree of effectiveness (research, gathering information and overall project organization)

Uses critical/creative thinking within the context of the presentation, evident in the appropriateness for the audience, page flow and organization

NAVIGATION/LINKS

The user may become lost or links may be missing or not working.	The user may become confused when navigating between pages. Some links may not work.	Links are consistent and easy to find so that the user can easily navigate back and forth through pages.	Links are created with images and icons to enhance the text links. The site offers interactivity	Navigation path is clear and logical, all links work. Bookmarks included for long pages. Custom made navigation buttons. The visitor engages with the site. ***Javascript/CSS/ Templates used***

TECHNICAL ELEMENTS

Basic HTML features only; Impacts overall site appearance. Unformatted text. Misaligned images	Plain site, links are only text. Text inconsistently formatted, few images, if any. Navigation is insufficient.	Images too big/small in size or resolution - not optimized; pages take too long to load. Tables/other tools not used for streamlined layout.	Site loads relatively fast. There are no broken links or missing pics. Knowledge and use of HTML/Javascript/CSS evident . Predesigned templates used with some success.	Additional knowledge of Java script/ CSS or other tools evident. Used in good measure. Predesigned templates flawlessly incorporated ***Javascript/CSS /Templates used***

Knowledge:

Overall demonstrates complete understanding of project concepts. –

Student demonstrates thorough knowledge of concepts as they relate to the lessons presented.

CONTENT/INFORMATION/TUTORIALS

Information is poorly written, inaccurate, or incomplete. Does not adequately represent content learnt. Multiple spelling and/ or grammar errors	Tutorials are insufficient. Not well organized and not well presented. Some spelling/ grammar errors.	Information is well written and interesting to read and is presented in series of short paragraphs. Almost no grammar /spelling errors. Some deficiencies in represents learning topics. Topics not adequately illustrated with images and/or code	Information is creatively written and cleverly presented. No errors.. Adequately represents learning topics. Relatively well explained and illustrated. Resource links used to develop content are included. Sources clearly stated.	Integrates multiple sources of information to assess issue; Clear, concise, well written. Variety of sources used. Extensive bibliography. Rich content and will likely be revisited. Meaningful information can be seen within 30 seconds.