

Summative Grade 11 ICS3U

Name _____

Purpose of the summative:

- Challenge yourself in your programming ability
- Incorporate different concepts that you have learned so far (variables, methods, arrays, etc.)
- Create a program that has a purpose (i.e. game, calculating program, children's educational game – letter recognition, number sense etc)

Requirements:

1. Proposal
 - a. outline what the program will be
 - b. who would generally use this program – target audience
 - c. why would they use it
 - d. class components that you will include
 - e. how is this programming challenging to you
2. Create and submit detailed pseudo code prior programming to act as a planning tool
3. Design/Develop/Test/Refine your program
 - a. Write up and report on your progress and testing stage via a daily journal
 - b. The program should follow proper coding conventions
 - c. The program should include commenting
 - d. Have someone else test your program
4. Submit your program by **January 18th**
5. Complete a written reflection that:
 - a. refers back to your proposal evaluate how you met your goals
 - b. What parts of the process did you find easy to complete?
 - c. What parts of the process did you find more difficult to complete?
6. Indicate which mark range you will work towards. By selecting a mark range you are committing to completing the required components. Indicating a mark range does not guarantee that you will obtain a mark in that range.

Mark Range	Required
90%-100%	All steps above are completed with a thorough level of excellence · Program is error and bug free - Program is idiot proofed
80%-89%	below plus: · A completed and thorough written reflection (step 5) · Program is almost error or bug free · Program is idiot proofed
70%-79%	below plus: · A completed and thorough journal documenting progress and testing stages · Program includes relevant comments and coding conventions · Partial written reflection (step 5)
60%-69%	below plus: · Evidence of a partial journal documenting progress and testing stages
50%-59%	A detailed proposal is submitted and approved A program is created and submitted that meets the proposal Pseudo Code is completed
Use of Time	There is a positive use of time and you have remained on task throughout the assigned time (i.e. no gaming, no physics, no email etc). Your completed ISU will be submitted and completed on time.

Proposal

Program Title _____

What is the purpose of your program?

Who will be the target audience of your program?

Why will your target audience want to use your program?

What components from class will you include (arrays, methods, loops etc)?

How will this program challenge you in your programming ability?

I will be working towards at level of _____% - _____%

Signed _____