AP Computer Science Principles
Final Project

Fall 2022 GAME DESIGN PROJECT: 50 POINTS
[Here is a link to a Snap! Library of code segments you may find helpful.](#)

Step 1: Brainstorm (5 pts)
Think of 3 game ideas that YOU could code in Snap! (Your idea could also be an improvement of a previous project, or 3 variations on one main idea). *Make sure it is something that you could code in about **5** class days.*
YOU WILL CHOOSE ONE IDEA. IF YOU CAN'T THINK OF MORE THAN ONE, MOVE ON THE STEP 2!

1	
2	
3	

Step 2: Get initial feedback from a friend, family member, or classmate (5 pts)

Name of feedback giver:	
Idea they like best:	
Additional ideas they give you:	

Step 3: Plan your game in more detail (20 pts)

What is the name of your game?	
What is the goal or objective of your game?	
What are the components of the game? (How many sprites? What will they do?...)	
What will be the core mechanics? *(What actions will the player take? What actions will non-player characters take?)*	
What is the space the game takes place in? (Backgrounds, scenes, mazes…)	
What will the rules be?	
What will make your game challenging?	

Step 4: Code it! Provide your SHARED link here (50pts)

LINK:	

Step 5: Show me you understand. Take script pics of each independent code segment, and explain its purpose.(50 pts)

CODE PIC	PURPOSE/FUNCTION/HOW IT WORKS

Step 7: PLAYTEST! Get 2 people to play and review your game.(20pts)

Reviewer 1 Name:	

Fun?	So fun 😂	Fun 😃	Not sure 😑	Not so fun 🙄	Epic Fail 😒

Difficulty?	Too easy	Nicely Challenging	Too challenging

Clarity of Rules/How to play	Perfectly clear! 😁	A little clear 😃	Not sure 😑	Not so clear 🙄	Not clear at all 😒

Suggestions for improvement:	

Reviewer 2 Name:	

Fun?	So fun 😂	Fun 😃	Not sure 😑	Not so fun 🙄	Epic Fail 😖

Difficulty?	Too easy	Nicely Challenging	Too challenging

Clarity of Rules/How to play	Perfectly clear! 😁	A little clear 😃	Not sure 😑	Not so clear 🙄	Not clear at all 😖

Suggestions for improvement:	

Step 8: Make improvements! Based on the feedback you received, give me evidence that you tried to improve your game in at least one or two ways.(20 pts)

Suggestion	Old code (script pic)	New Code (script pic)