

HON312: Alice final project (due Tue. Feb. 5th).

Choose one of the following:

1. You are asked to create an interactive advertisement for a nonprofit organization of your choice.
2. Think of one of the classes that you enjoyed the most at UMaine. Construct an interactive instructional material for this class.
3. Tourism Maine has a competition for interactive displays for parks in Maine. As part of the competition for the contract you need to provide a short example of material to be included in the ranger station.

Rules:

Your project should include the following:

- Create a storyboard. Your scenario must contain: at least 3 different characters, at least three different objects in the scenery for your story and at least 4 scenes.

Your code should include:

- At least three uses of functions
- At least two uses of expressions (with +-*/*)
- At least one *Loop*
- At least two *If/Else* Statements
- At least two *Do in Order* and two *Do Together* statements
- At least a *World* method, and at Least 2 *Class* methods that you have created
- Have at least one object associated with sound.
- Comments within the code so others can understand what the code does.

Some of the objects should be able to respond to commands by users (communicate the commands and what their function at the beginning of the program execution), associated with clicks of on the keyboard, when the mouse is clicked on something, while something is true, OR when a variable change (try to have at least one of each).

Feel free to bring your storyboard to class prior to submission to brainstorm with the rest of us about your project and your approach. Please bring the project to class on the day it is due and be ready to present it.

Project Report

You report should include a brief introduction which describes the project you chose, a main section which describes the scenario you are programming and includes the original storyboard (the written script) for the project, and a concluding section describing what you learned from programming with Alice.

Grading: late submissions, 10pts down + 5 for every extra day.

Rubric:

A	All the above details and events are present, clear to the user, and working (A- if minor details missing).
B	Most of the above details and events are present, mostly clear to the user, and mostly working.
C	About half of the above details and events are present, or are clear to the user, or are working.
D	About a third of the above details and events are present, or are clear to the user, or are working.
E	One or a few of the above details and events are present, or are clear to the user, or are working.
F	No homework turned in.