

Name: _____

Unit: C++

Date: _____

Group Project

Directions:

Working in a small group, you will use the knowledge gained from this unit to create the largest program you've written so far.

You can choose from the following options:

- A "Choose Your Own Adventure" style game, with a branching if/else structure that allows the user to make at least 25 choices before the game ends.
- A Quiz Game that has at least 25 questions from various subjects, and utilizes a combination of multiple-choice, true/false, and short answer questions.
- Any other type of game, as long as you efficiently use loops, if/else structures, and user input/output effectively to allow someone to play for at least 5 minutes before the game ends. *This requires teacher approval before starting.*

Grading Criteria

- _____ Follows Company Rules (including names in comments) [1 point]
- _____ Prompts and stores user input as required [1 point]
- _____ Validates user input as necessary before continuing [1 point]
- _____ Uses if/else control structures to evaluate user input [1 point]
- _____ Uses a loop to control execution of program [1 point]
- _____ Prompts user to continue/end program loop upon completion [1 point]
- _____ Provides at least 25 options for user during program loop [1 point]
- _____ Uses random numbers at some point [1 point]
- _____ *plus*
- _____ "Style" Points awarded by your peers [2 point]

_____ **[10 points total]**