

Intro to Computer Science
Final Project

Name _____
Period _____

OBJECTIVE

Using what you have learned in Visual BASIC this year, you will create a game of your own choosing. The game may be a board game, card game, educational game, video game, etc... It is your choice!

RULES AND REQUIREMENTS

You may **not** simply choose a game or simple variation of something which we have already done this year.

It has to be a project of **your own** creation. It cannot be a project you find online or following a tutorial. It cannot be a project from a former student.

All content in the game **must** be school appropriate. The game may **not** include photos or reference to any CV staff member or students.

Your game must be something which will be **lengthy enough** to take roughly 3-4 weeks of class time.

This is **your** project – you will not receive vast amounts of help from Mr. Ensminger/Mr. Yohe. Our biggest advice to you? Do not bite off more than you can chew! Three to four weeks seems like a long time, but we can assure you given past history, it is not.

No sound/music files over 10 seconds long – it makes your project too large!

Backup your work. Backup your work. Backup your work. If your project gets lost, corrupted, or deleted, we are not at fault in any way.

Be careful of working on your project on another computer, including at home. Switching computers/versions may mess up your project! If this happens, again, we are not at fault in any way.

Be careful to not rename any files in your project, move any files in the project folders, delete any of the resources, etc... this potentially can break your project which, again, we are not at fault in any way.

RUBRIC

___ / 25 pts

PROJECT PITCH – DUE TUESDAY, APRIL 23rd

- ___ / 5 pts Shared by 7:55am Tuesday, April 23rd
- ___ / 5 pts 1st slide contains name, period, and project
- ___ / 5 pts 2nd slide contains description and 5 things
- ___ / 5 pts Pitch was 60 seconds in length
- ___ / 5 pts Pitch was well-thought out and rehearsed

___ / 40 pts

PROJECT INSTRUCTIONS/ANALYSIS – DUE MAY 17th

- ___ / 20 pts You uploaded a one page instruction document (Word or PDF) to the correct Schoology assignment on how to play your game, the controls for the game, etc...
- ___ / 20 pts You uploaded a one page document (Word or PDF) to the correct Schoology assignment with the five bullet points from your pitch, and a paragraph for each bullet point explaining how you accomplished that task or overcame that challenge.

___ / 30 pts

PROJECT SUBMISSION / MISCELLANEOUS

- ___ / 10 pts **This** exact rubric must be turned in upon submission of your final program **with your name on it**.
- ___ / 10 pts You must “zip” your project folder and submit it through Schoology. This file **must** work on a **school** computer.
- ___ / 10 pts Your **zip title** is your name, period, and project name.

___ / 70 pts

OVERALL STYLE REQUIREMENTS

- ___ / 10 pts Code uses proper **header** as per style requirements
- ___ / 10 pts Code uses proper **spacing** as per style requirements
- ___ / 10 pts Code uses proper **indenting** as per style requirements
- ___ / 10 pts Code uses proper **comments** as per style requirements
- ___ / 10 pts Code uses proper **variable names** as per style requirements
- ___ / 20 pts Program does **not** have unnecessary lines / sections of code

___ / 130 pts

OVERALL PROGRAM EXECUTION

- ___ / 60 pts Program works **without** errors, bugs, or crashes
-3 each, minor deductions – something that works but not “properly”
-5 each, major deductions - a crash or other serious program flaw
- ___ / 50 pts Program plays the way the game is **supposed** to play
-3 minor deductions – feature included but not “well” or “properly”
-5 major deductions – important game aspect/feature missing
- ___ / 20 pts Program has a splash screen, an animated introduction, or animated summary/credits page

-5 each if the animation freezes and/or doesn’t properly end

___ / 30 pts

OVERALL CLASS WORK GRADE

- ___ / 30 pts You may **not** do other work, play games, go online for reasons other than this project, etc...

(-5 pts **each time** – this score may be negative if need be)

FINAL PROGRAM DUE DATE TIME FRAME

Early Due Date: Wednesday, May 22nd
Final Due Date: Friday, May 24th

LATE PROJECTS WILL NOT BE ACCEPTED.

___ / 325 pts

FINAL PROJECT GRADE

Monday, May 27th - Memorial Day
Tuesday, May 28th – Review Day

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|---|------------|
| Wednesday, May 29 th – Visual BASIC Written Final Exam | 100 points |
| Thursday, May 30 th – Visual BASIC Final Program Set | 40 points |