

Unit 6 Assignment – Grid Game

Overall Goal

- Code a grid-based applet game in java. Your choice must be approved before you start.

Details

- There should be a winning condition or the game should keep score.
- There should be multiple screens, titles and clear instructions. The user should receive instructions and feedback. If there are turns, they should be clearly indicated on the screen.
- Add extra features such as new widgets or levels or undo/redo buttons.
- You must have a game theme (eg Super heros, Spring, Super Mario, Movies, Travel) AND a clear colour scheme.
- More detail is provided in the rubric.

Game Choice Suggestions (others are sometimes fine, but ask)

Easier to Code – just add this from last list	Harder to Code – add some from the last list	More Complex to Code – add none from the last list.	Very complex – add none from the last list	Things to Add to Bring up Complexity Level
<ul style="list-style-type: none"> • Connect 4 • Flow Free • Matching Game (Memory) • Maze • Puzzle/Slider 	<ul style="list-style-type: none"> • Lights Out • Sudoku • 15 Solitaire Game • Chocolate Fix • Circuit Maze (think fun) • Gobblet Gobblers • Oil Tycoon • Rules! • Shell Game (think fun) 	<ul style="list-style-type: none"> • 2048 (Shuffling and adding is a pain) • Othello • Peg Solitaire • Sokoban • Rush Hour (needs photoshop: Car pictures are fussy) • Hnefatafl (Viking chess) 	<ul style="list-style-type: none"> • Chess (checkmate, pictures are fussy) 	<ul style="list-style-type: none"> • Visually Appealing Board • Piece/Theme Choice • Save to a File • Add Levels • Undo Button • Redo Button • 1 player against computer mode

Terrible Game Choices.

Too Simple You cannot reach the top parts of the rubric with these games	Very problematic These are bad choices.	No. (and that's that.) These are really bad choices.
<ul style="list-style-type: none"> • 100 pictures • 4 Pictures, 1 Word • Heads Up • Iconmania/Logos Quiz • Trivia Game 	<ul style="list-style-type: none"> • Checkers • Candy Crush • Farm Heroes • Piano Tiles • Battleship • War – Card Game • Yahtzee • Monopoly • Sorry • Snakes and Ladders • Plants vs Zombies • Clue • Pokemon • Jeopardy 	<ul style="list-style-type: none"> • Games with jumping or things that move on their own. • Most Board Games • Angry Birds • Bingo • Bubble Shooter • Dots and Lines • Dumb Ways to Die • Flappy Bird • Fruit Ninja • Go • Pong • Ricochet Robot • Simon • SOS • Space Invaders • Tetris • Trouble • Two dots

Screen Examples

Games with a Grid (or list of letters) work best.

