

Tetris Lab Peer Review

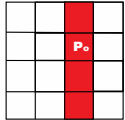
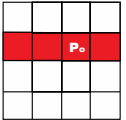
Name Vienna Parnell

Total / 200

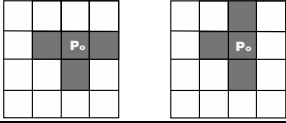
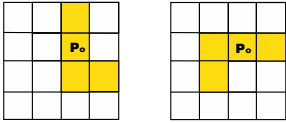
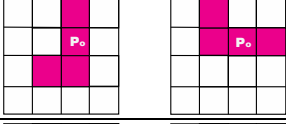
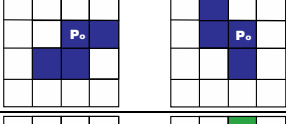
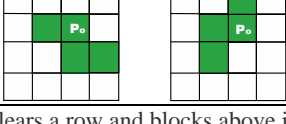
Date 3/17 Period 3 Peer Reviewer's Name Arnav Dani

Sign off by the Peer Reviewer  Date 3/17

red = v2

Task	Peer QA's Checklist	Specific Details to Check
GridMonster	✓ Correct	GridMonster outputs a smiley face
main method	✓ Correct	Has a main method that launches the game. May be in Tetris or in a separate client class of Tetris.
Tetris's constructor	✓ Correct	Constructor does not call the play method.
Tetris's play method	✓ Correct	The play method is not recursive.
Tetris Documentation	✓ Correct	Check that the documentation for Tetris is clear, complete yet concise, and easy to understand, specifically the documentation for: <ul style="list-style-type: none"> ✓ Class ✓ Constructor ✓ upPressed ✓ downPressed ✓ leftPressed ✓ rightPressed ✓ spacePressed ✓ isCompletedRow ✓ clearRow ✓ clearCompletedRow ✓ play
Tetrad Documentation	✓ Correct	Check that the documentation for Tetrad is clear, complete yet concise, and easy to understand, specifically the documentation for: <ul style="list-style-type: none"> ✓ Class ✓ Constructor ✓ addToLocation ✓ removeBlocks ✓ areEmpty ✓ translate ✓ rotate
Checkstyle	✓ Correct	Checkstyle passes.
Tetrad Creation	✓ Correct	Tetrad created as per specification and generated randomly. The tetrad must appear at the top row – not one row down.
Arrow keys work correctly <ul style="list-style-type: none"> ✓ Down ✓ Left ✓ Right ✓ Space (hard drop) 	✓ Correct	<ul style="list-style-type: none"> ✓ Check that on pressing down arrow, the tetrad drops more rapidly. ✓ Check that on pressing the space key, the tetrad drops to the bottom. ✓ Specifically check at the far left and right boundaries of the grid.
I Letter <ul style="list-style-type: none"> ✓ Consistent red color ✓ On pressing the up arrow, it rotates correctly around a mid-block 	✓ Correct	 

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T Letter <input checked="" type="checkbox"/> Consistent gray color <input checked="" type="checkbox"/> Rotates correctly around the mid-block	<input checked="" type="checkbox"/> Correct	
O Letter <input checked="" type="checkbox"/> Consistent cyan color	<input checked="" type="checkbox"/> Correct	Does not rotate. did not spawn after 50 runs
L Letter <input checked="" type="checkbox"/> Consistent yellow color <input checked="" type="checkbox"/> Rotates correctly around a mid-block	<input checked="" type="checkbox"/> Correct	
J Letter <input checked="" type="checkbox"/> Consistent magenta color <input checked="" type="checkbox"/> Rotates correctly around a mid-block	<input checked="" type="checkbox"/> Correct	
S Letter <input checked="" type="checkbox"/> Consistent blue color <input checked="" type="checkbox"/> Rotates correctly around a mid-block	<input checked="" type="checkbox"/> Correct	
Z Letter <input checked="" type="checkbox"/> Consistent green color <input checked="" type="checkbox"/> Rotates correctly around a mid-block	<input checked="" type="checkbox"/> Correct	
Clear Row	<input checked="" type="checkbox"/> Correct	Clears a row and blocks above it fall correctly to take the place of the blocks removed.
Clear Rows	<input checked="" type="checkbox"/> Correct <input checked="" type="checkbox"/> Correct	Clears multiple rows leaving gap rows underneath intact. Make sure to check for gaps in rows underneath completely filled out ones. Clears four rows at a time. Tester must temporarily change the tetrad's shape to the I shape - most likely by setting the random number to zero - so clearing four rows at a time can be done. Tester must return the selection of the next shape to be random.
<p>The above tasks must be correctly done to earn at least a 96% in APCS A and 90% in APCS DS.</p> <p>The Tetris Lab document has additional options listed. APCS A students must complete at least two additional options to earn 100%.</p> <p>The following two options are required for APCS DS.</p>		
Game End	<input checked="" type="checkbox"/> Correct	Ends game in a clean way, which does not include an infinite stacking of tetrads.
Score and Display	<input checked="" type="checkbox"/> Correct	Keeps track of # of rows cleared and displays a score and gridlines on the BlockDisplay class.
<p>APCS DS must do at least three more of the bolded additional options to earn 100%.</p>		
Additional option #1	<input type="checkbox"/> Correct	The author describes the additional option below:
Additional option #2	<input type="checkbox"/> Correct	The author describes the additional option below:
Additional option #3	<input type="checkbox"/> Correct	The author describes the additional option below:
Additional option #4	<input type="checkbox"/> Correct	The author describes the additional option below: