**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Total \_\_\_\_\_\_/ 200**

**Date \_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_ Peer Reviewer’s Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Sign off by the Peer Reviewer \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_**

|  |  |  |
| --- | --- | --- |
| **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:   * 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:   * 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**   * Down * Left * Right * Space (hard drop) | * Correct | * 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**   * Consistent red color * On pressing the up arrow, it rotates correctly around a mid-block | * Correct | *TetradIRotation* |
| **T Letter**   * Consistent gray color * Rotates correctly around the mid-block | * Correct | *TetradTRotation* |
| **O Letter**   * Consistent cyan color | * Correct | Does not rotate. |
| **L Letter**   * Consistent yellow color * Rotates correctly around a mid-block | * Correct | *TetradLRotation* |
| **J Letter**   * Consistent magenta color * Rotates correctly around a mid-block | * Correct | *TetradJRotation* |
| **S Letter**   * Consistent blue color * Rotates correctly around a mid-block | * Correct | *TetradSRotation* |
| **Z Letter**   * Consistent green color * Rotates correctly around a mid-block | * Correct | *TetradZRotation* |
| **Clear Row** | * Correct | Clears a row and blocks above it fall correctly to take the place of the blocks removed. |
| **Clear Rows** | * Correct * 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. |
| **The above tasks must be correctly done to earn at least a 96% in APCS A and 90% in APCS DS.**  **The Tetris Lab document has additional options listed. APCS A students must complete at least two additional options to earn 100%.**    **The following two options are required for APCS DS.** | | |
| **Game End** | * Correct | Ends game in a clean way, which does not include an infinite stacking of tetrads. |
| **Score and Display** | * Correct | Keeps track of # of rows cleared and displays a score and gridlines on the BlockDisplay class. |
| **APCS DS must do at least three more of the bolded additional options to earn 100%.** | | |
| **Additional option #1** | * Correct | The author describes the additional option below: |
| **Additional option #2** | * Correct | The author describes the additional option below: |
| **Additional option #3** | * Correct | The author describes the additional option below: |
| **Additional option #4** | * Correct | The author describes the additional option below: |