CS 232: Final Project – Test Parameters

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Test Parameters

**public enum Tetrominoes:** no input required.

**{**

NoShape // default, coordinates set to 0, color set to white

IShape // Line shape, cyan

JShape // Mirrored L shape, blue

LShape // L shape, orange

OShape // Box shape, yellow

SShape // S shape, green

TShape // T shape, magenta (bright pink)

ZShape // Z shape, red

public int[][] coords; the coordinates of the shapes will not exceed:

{ {-1, 0, 1}, {-1, 0, 1}, {-1, 0, 1}, {-1, 0, 1} }

public Color color; RGB color of the shapes

( {0-255}, {0-255}, {0-255} )

private Tetrominoes(int[][] coords, Color c) return coords and color of the shape

**}**

**public class Shape:** no input required.

**{**

**private static int randomSevenShape()** :

Save the 7 shapes of Tetrominoes in their enum set order, to ArrayList list

Pick a shape randomly out of the available shapes left

Every time a shape is picked, remove it from the available list to be called next

When all 7 shapes have been called, reset the list to every shape, start a new set

**}**

**public class Board extends JPanel implements ActionListener**

**{**

**private int numLinesRemoved =** is theoretically infinite. How many lines cleared.

**Class TetrisKeyAdapter extends KeyAdapter**

**{**

listen for keyboard input by user

“p” || “P” = pause();

“” = move piece 1 space to the left

“” = move piece 1 space to the right

“” = move piece 1 space down

“” = rotate piece in clockwise direction

“(space bar)” = drop piece all the way down to the bottom

**}**

**}**

**public class Tetris:** no input required.