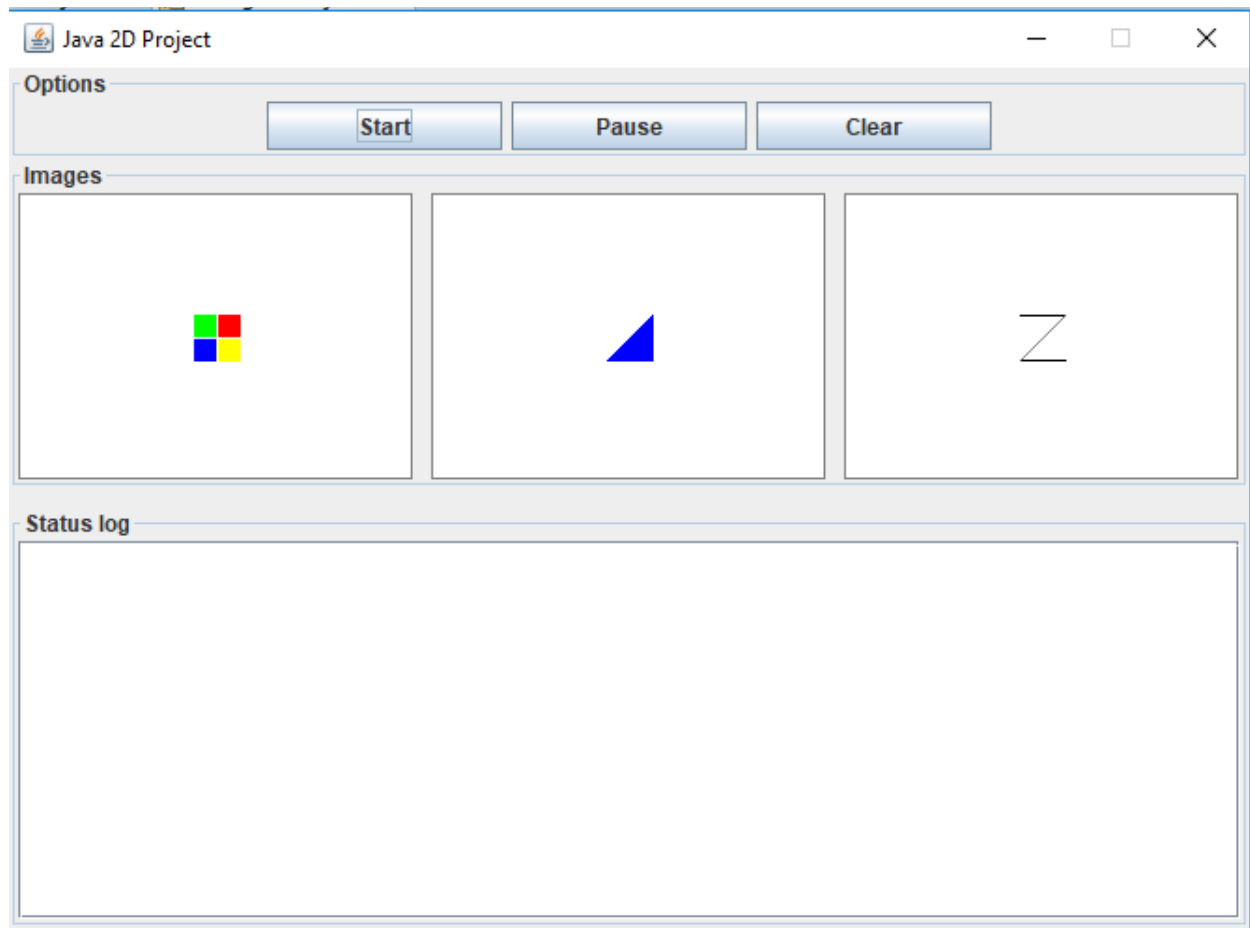
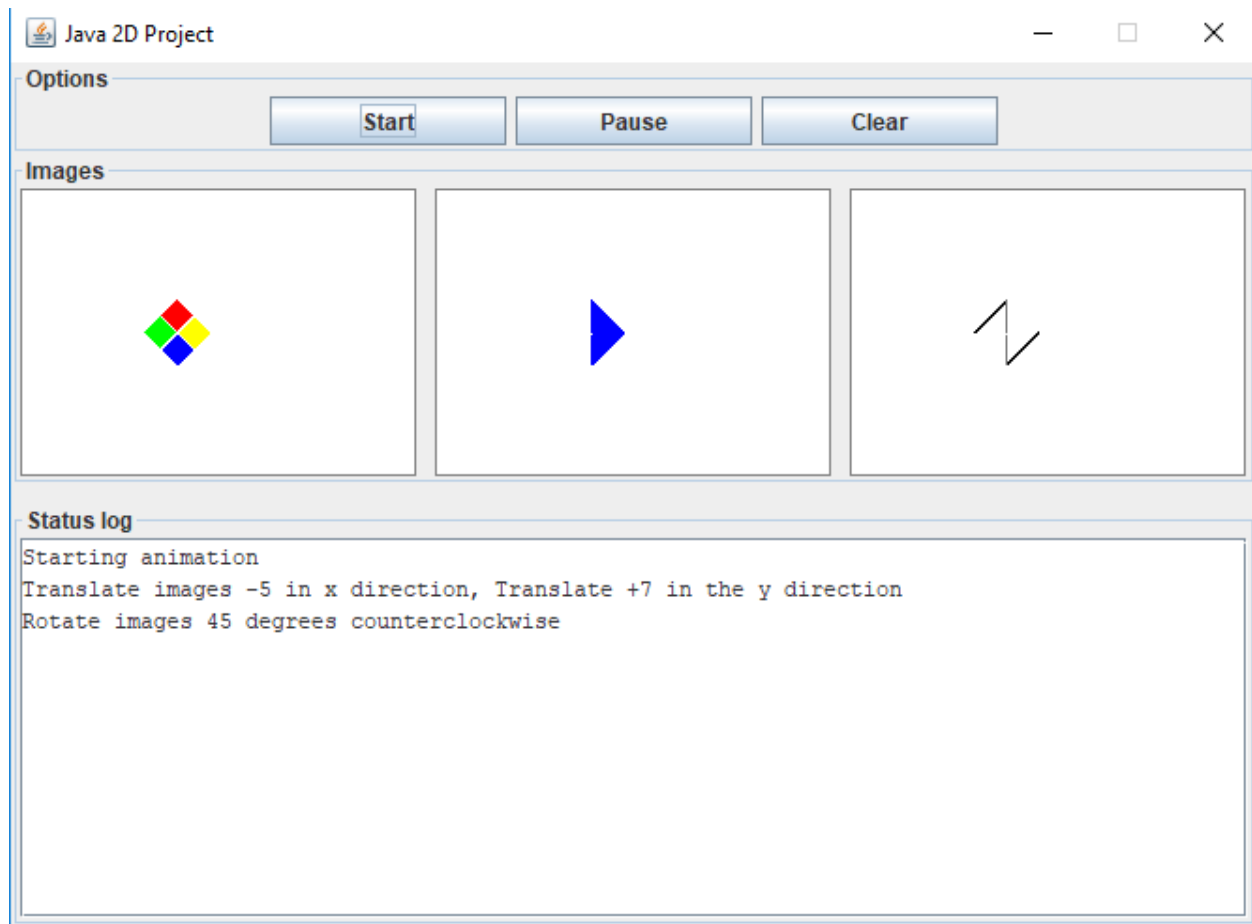


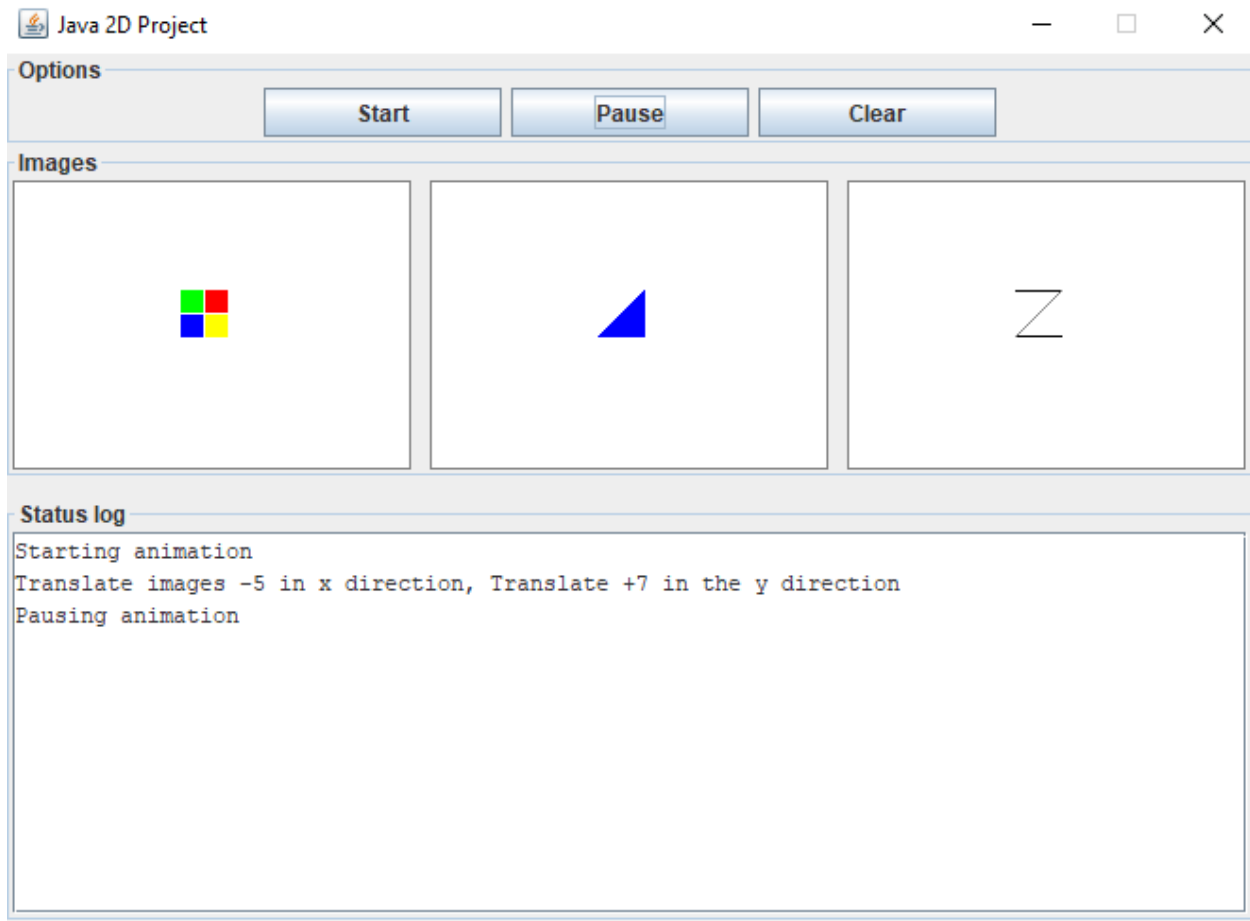
CMSC 405 Section 7980 (2188)—Project 1Test Cases:

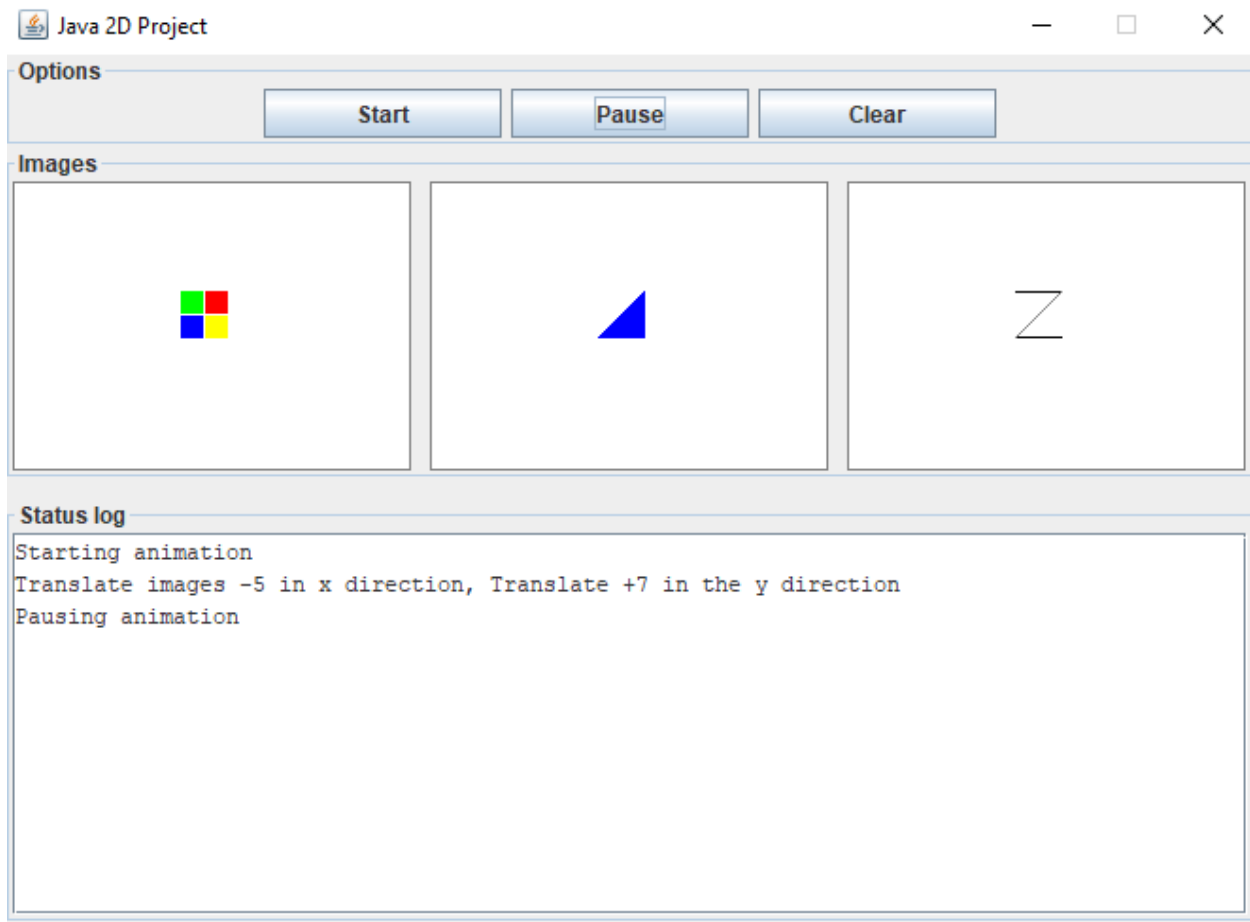
<u>Test Case #</u>	<u>Input</u>	<u>Expected Output</u>	<u>Actual Output</u>	<u>Pass/Fail</u>
1.	Pressing start button to start the animations transformations	Display message that transformations have begun	Display message that transformations have begun	Pass
2.	Translate (-5.0,0); Testing AffineTransform.translate()	images move to the left	Images move to the left	Pass
3.	Translate (0,7.0); Testing AffineTransform.translate()	Images shift up	Images shift up	Pass
4.	Rotate 45 degrees counter clockwise using rotate(45 * Math.PI / 180.0); Testing AffineTransform.rotate()	Images rotated left	Images rotated left	Pass
5.	Rotate 90 degrees clockwise using rotate(-90 * Math.PI / 180.0); Testing AffineTransform.rotate()	Images rotated right	Images rotated right	Pass
6.	Scale(2.0,1.0); Testing AffineTransform.scale()	Image width doubled	Image width doubled	Pass
7.	Scale(1.0,0.5); Testing AffineTransform.scale()	Image height decreased by half its size	Image height decreased by half its size	Pass
8.	Pressing start button to pause the animations transformations	Display message that transformations have been paused	Display message that transformations have been paused	Pass

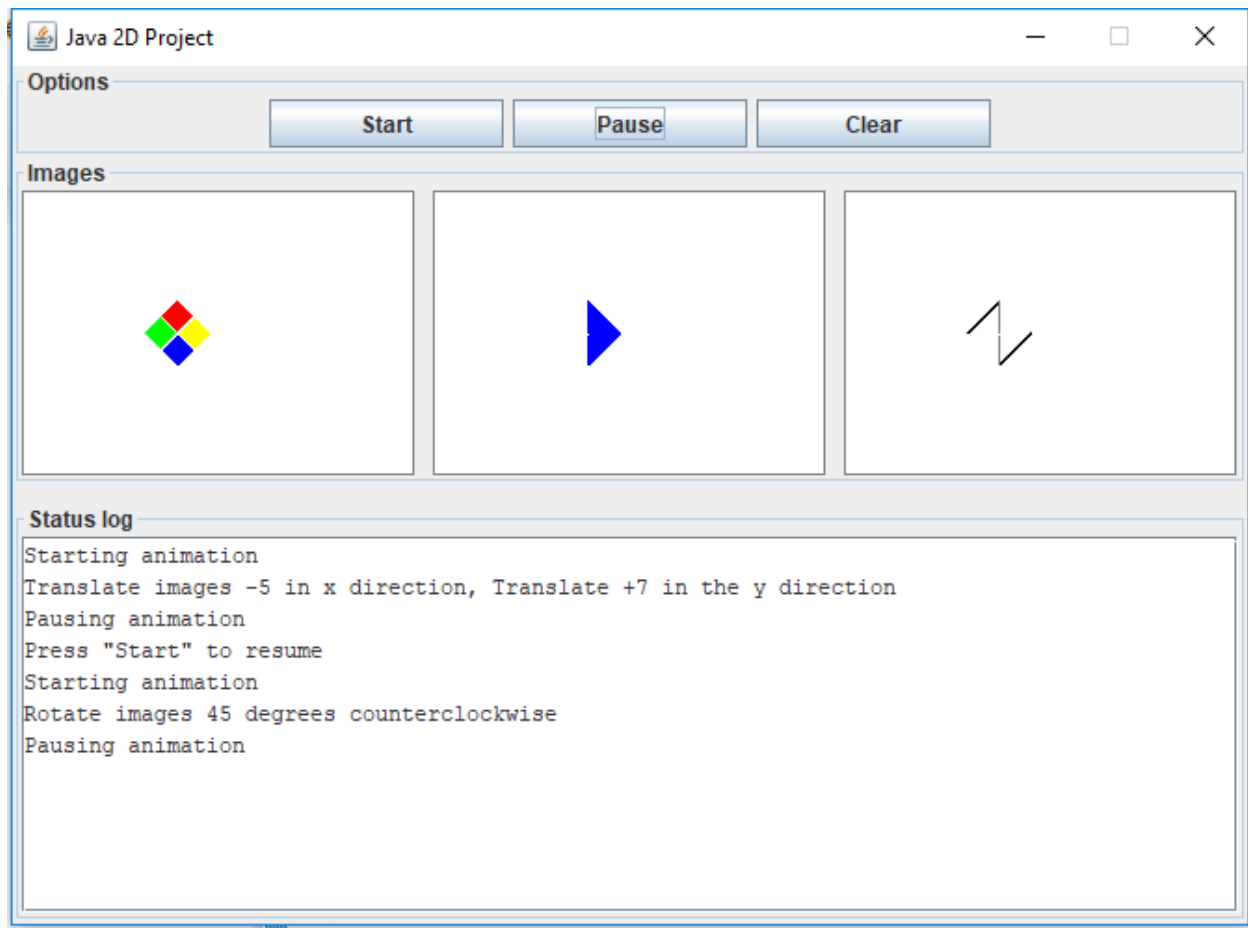
Successfully Running the GUI:Test Case 1 Screenshot: Starting the GUI by Pressing the Start Button

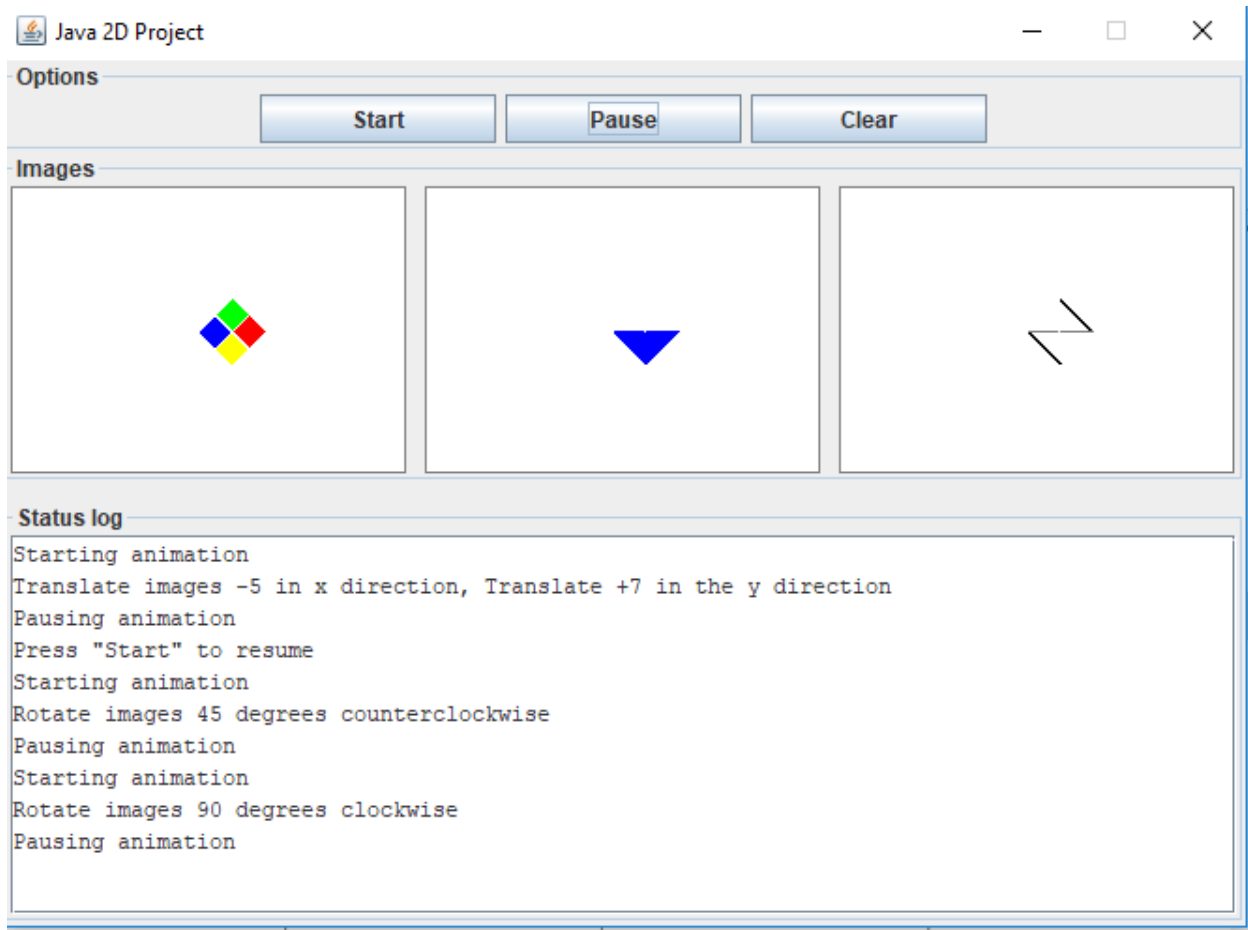


Test Case 2 Screenshot: Translation -5 in x direction

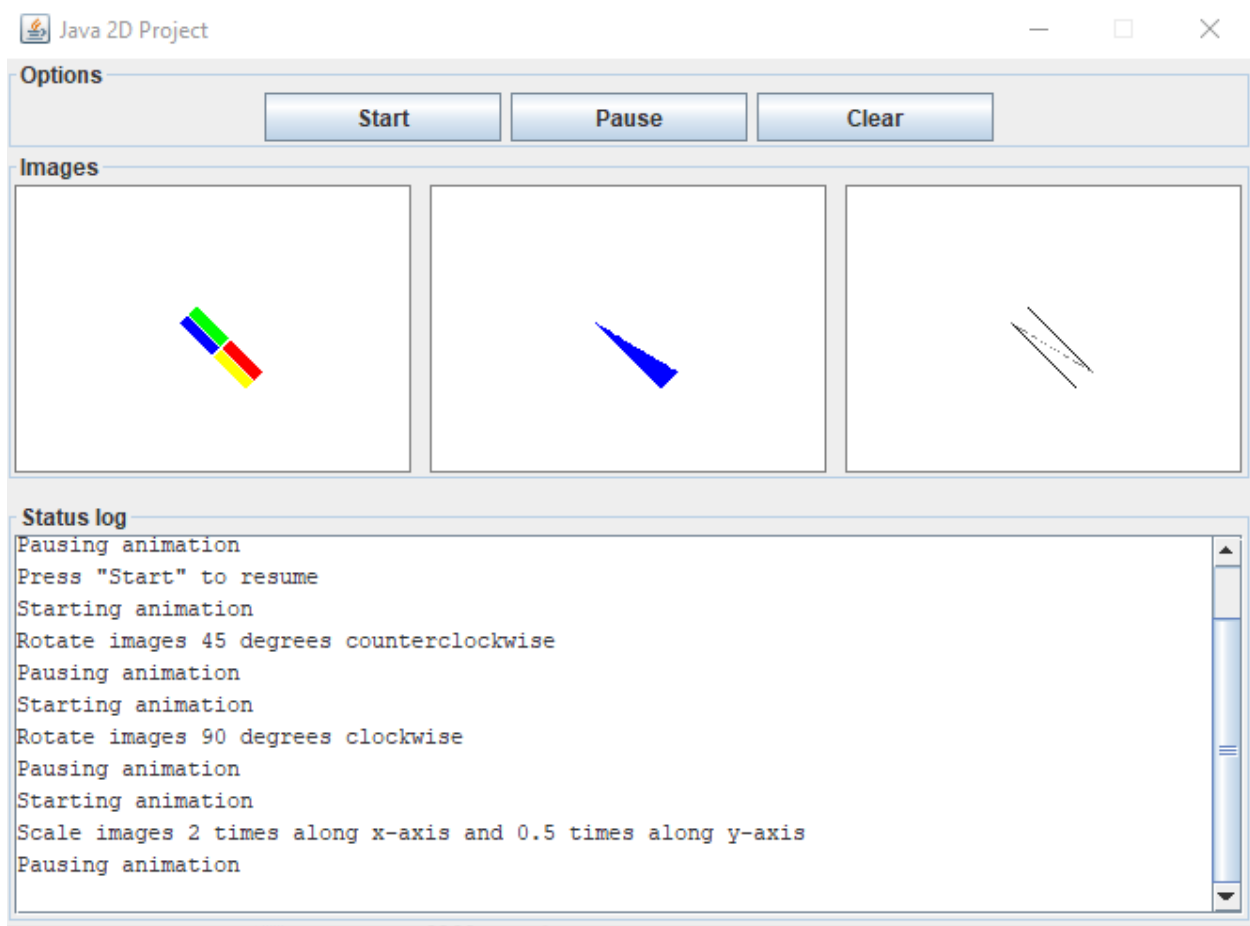


Test Case 3 Screenshot: Translation +7 in y direction

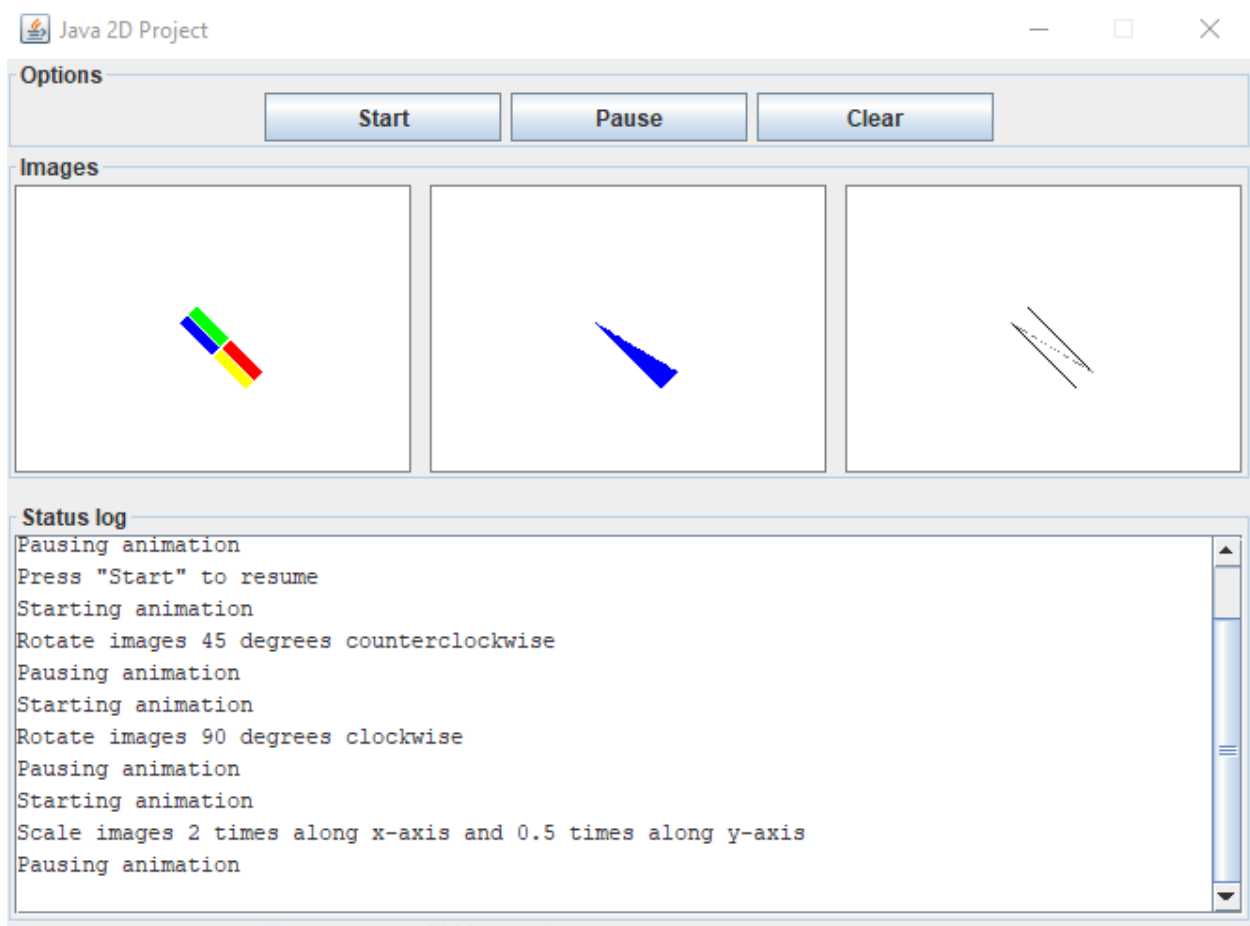
Test Case 4 Screenshot: Rotation 45 degrees Counter ClockwiseTest Case 5 Screenshot: Rotation 90 degrees Clockwise



Test Case 6 Screenshot: Scale 2 times for the x component



Test Case 7 Screenshot: Scale0.5 times along y-axis



Test Case 8 Screenshot: Testing Pause Button

