**Part 3**

This part I provide a movie about the rotation of three letters, “L” “I” and “T”. “L” will rotate around Z-axis, “I” will rotate around Y-axis and “T” will rotate around X-axis.

For this part just need to press the Run button, and the movie will out.

I set pause(1/24) so that the movie can be shown one frame every 1/24 second. There are 121 frames. L will rotate 3 times, I will rotate 2 times and T will rotate 5 times. Because the computer calculation is not the exact number, so the rotation is not strictly flawless.

PS: you may see the letters may have weird shape or move upward and downward, but it’s the Matlab auto correct the length of x and y axis. For example, the first frame maybe 30\*6, the next frame may be 40\*5, but the coordinate of every point is correct, just the animation may lead to wrong impression.

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