Biomechanics and Robotics
Homework 7
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Attempt 1

- In attempt 1 as the Center of Mass(COM) moves from 0 to center of the step length (0.75/2) we move on single support phase for right leg.
- At the center the body is on the double support phase
- And as the COM moves from center(0.75/2) to the full step length(0.75) we are on single support phase for left leg.

Attempt 2

- In attempt 2 as the Center of Mass(COM) moves from 0 to center of the step length (0.75/2) we move on the single support phase for right leg
- At the center the body is on double support phase.
- As COM moves from 0.75/2 to (0.75/2 + 0.75/4) we move on the double support phase
- And as the COM moves from (0.75/2 + 0.75/4) to 0.75 we move on the single support phase of left leg.