

## **README**

Following are the configuration used in this scenario :

Cube Initial Configuration :  $(x,y,\theta) : (1\text{m}, 1\text{m}, 0 \text{ rad})$

Cube Final Configuration :  $(x,y,\theta) : (-1\text{m}, -2\text{m}, -\pi/2)$

Controller : PI ( $P = 0.4$ ,  $I = 0.01$ )

Initial end effector error :  $\pi/2$  (rot about Y-axis) and 0.34m distance (Y-axis)