Milestone 2

For milestone 2, I implemented the TrajectoryGeneration function described in the documentation. I strictly followed the input and output format, which is shown below:

Input	Output
● Tse_initial -> end effector initial configuration ● Tsc_initial -> cube initial configuration ● Tsc_final -> cube goal configuration ● Tce_grasp -> transformation from cube to end effector when grasping ● Tce_standoff -> transformation from cube to end effector when in “standoff” ● K -> number of trajectory reference configurations per 0.01 seconds	● An N*13 matrix that represents the entire trajectory

- The definition of this function with comments is in the file “traj_gen.py”.
- To run this function with example input, run the file “traj_script.py” by running $python3 traj_script.py
- To change the time it takes for each segment to run, modify the “time_dict” dictionary at the beginning of the function definition. The keys correspond to the segment numbers and the values correspond to the time intervals.