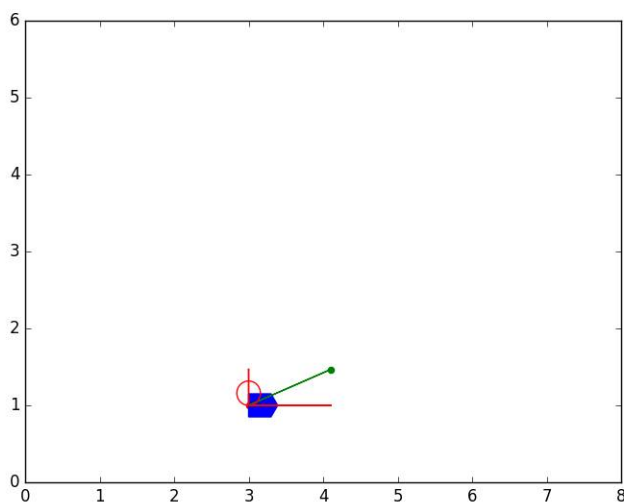
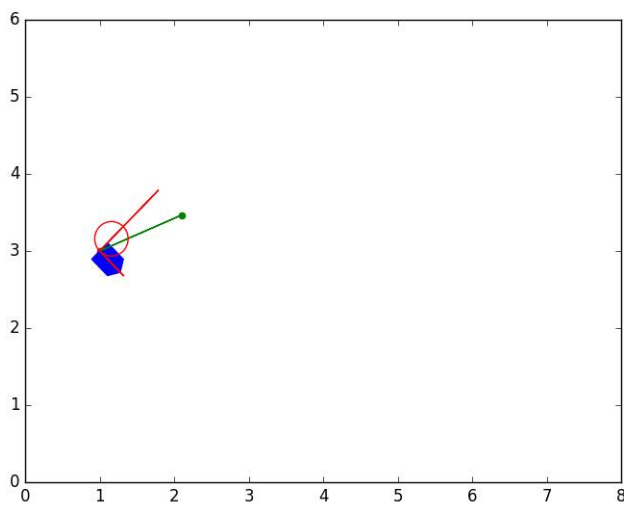


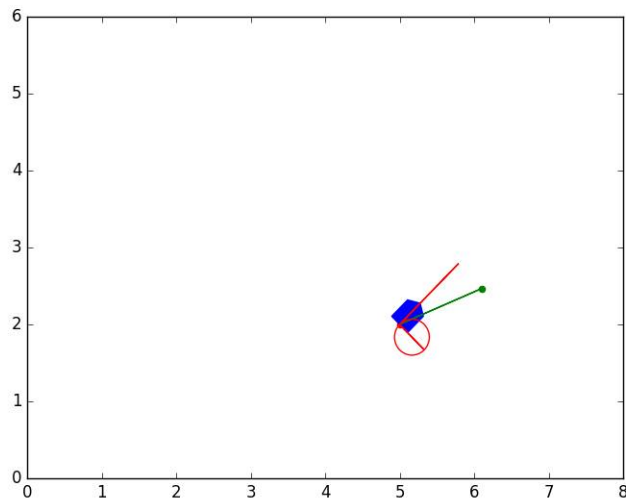
All Code can be found at: https://github.com/chbrock/robotik_ws1718

Task 1

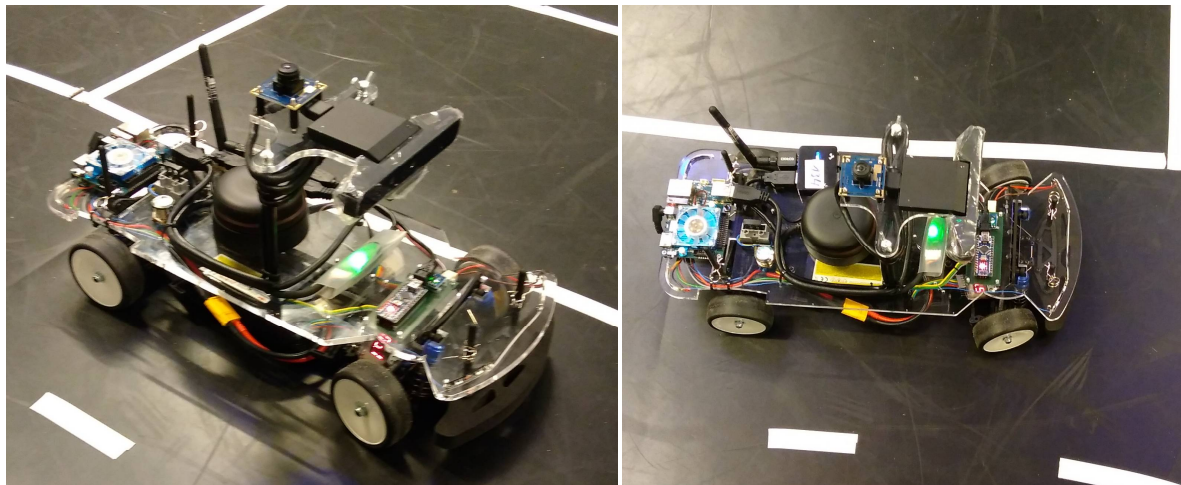
We used the plotting function from Zahra Boroujeni to plot the cars steering angles for three different positions.

The plots shows the plot for: $(1.0, 3.0, -(\pi)/4)$, $(3.0, 1.0, 0)$ and $(5.0, 2.0, (\pi)/4)$ positions given as (x,y,θ) .





Task 2



Unfortunately the car did not drive any circles due to its very limited steering angles (The images show maximum steering angle to right and left). Because the turning radius was so large, the car would not stay on the map or do anything sensible with the data.

Task 3

See code. It could work in principle...