X=X+V \*cos(theta0)

Y=Y+V\*sin(theta0)

theta=theta+V/L\*tan(psi)

thata1=theta1+V/d1\*sin(thata1-theta0)

……..

thetai= thetai + V/di\*(sum(cos(thataj-1 - thetaj)))\* sin(thetai-1 -thetai)