

Fig 1: plotting the real(x,y) co-ordinates and noisy(a,b) co-ordinates of target trajectories.

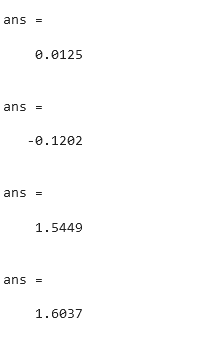
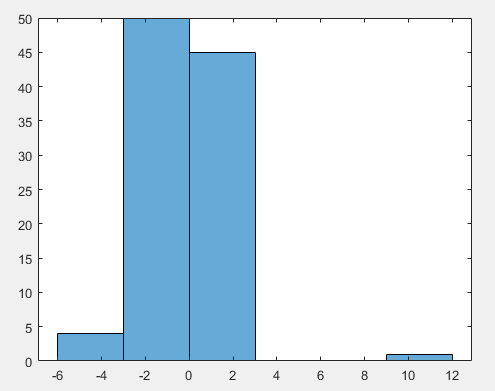
 

Fig 2: the mean and standard deviation values for real(x,y) co-ordinates of target trajectories.

HISTOGRAM of of x and y plot



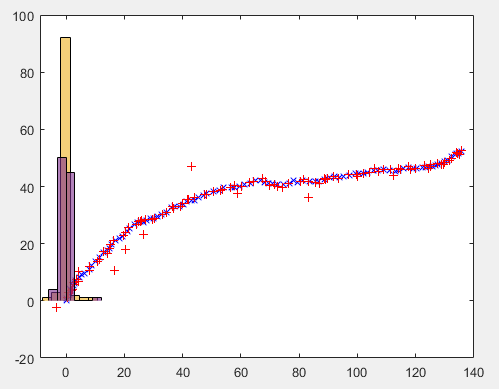


Fig 3: Histogram of real(x,y) co-ord of target trajectories.

Noise Graph

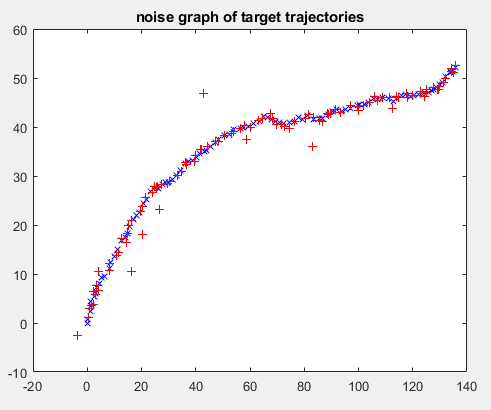
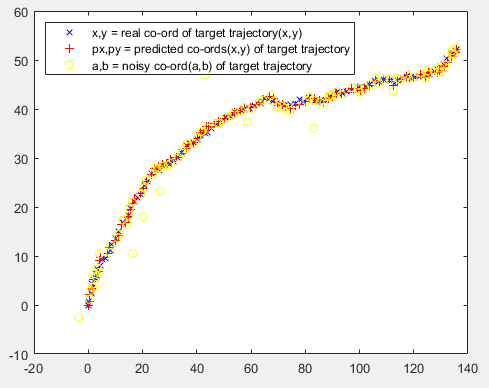
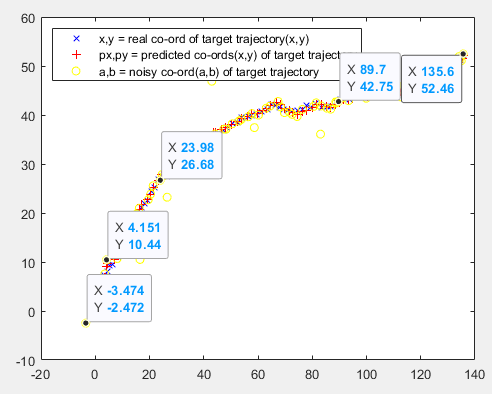


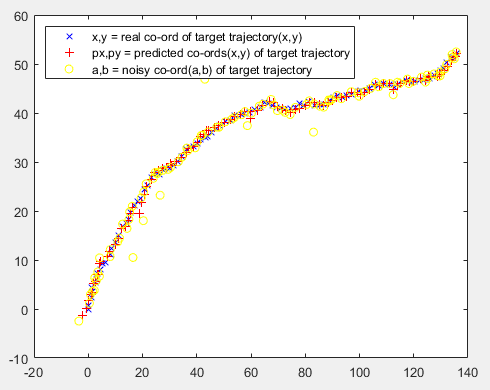
Fig 4: Noise graph of noisy(a,b) co-ord of target trajectories.

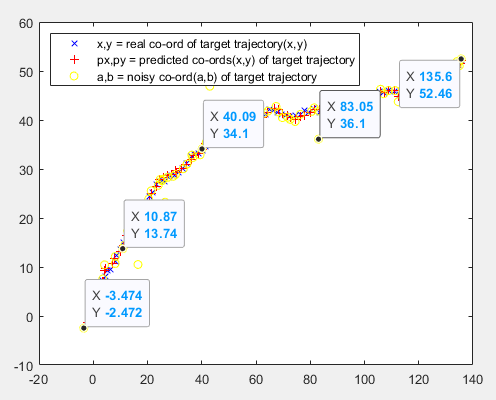
When the validation gate is greater than 25.



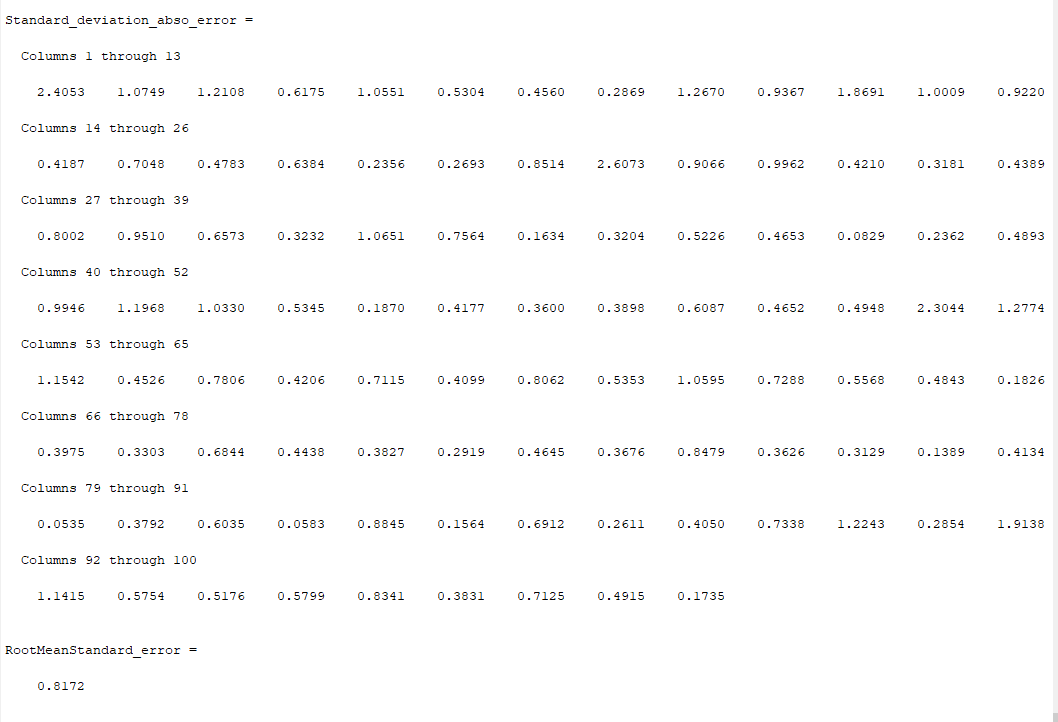


When the validation gate is greater than 40.

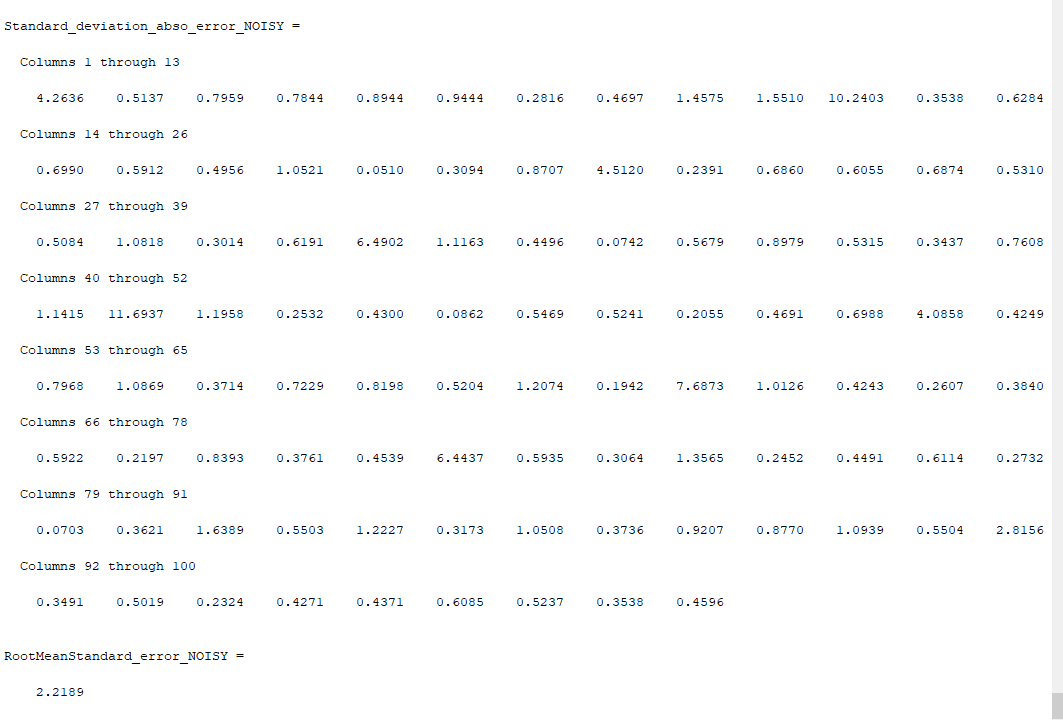




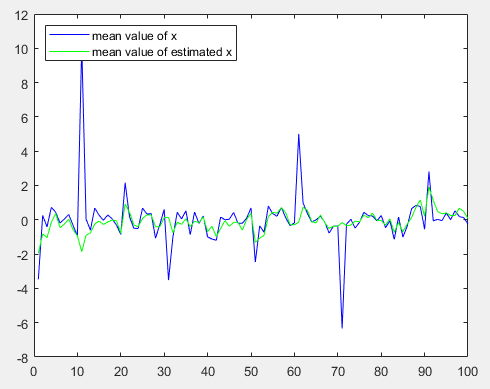
Standard deviation of absolute error of real values (x & y) plotted

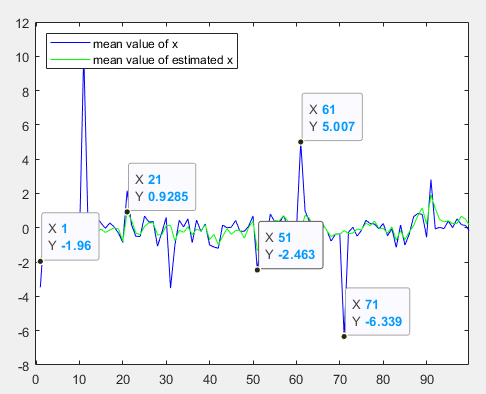


Standard deviation of absolute error of nosiy values (a &b) plotted

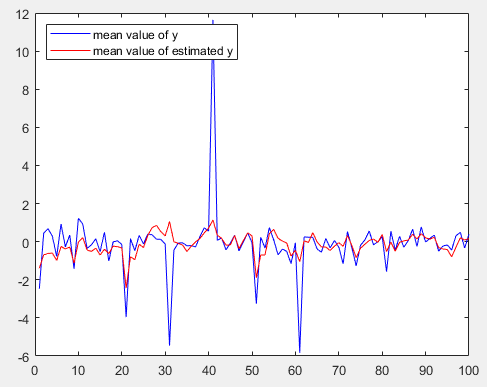


Mean value of x co-ordinates

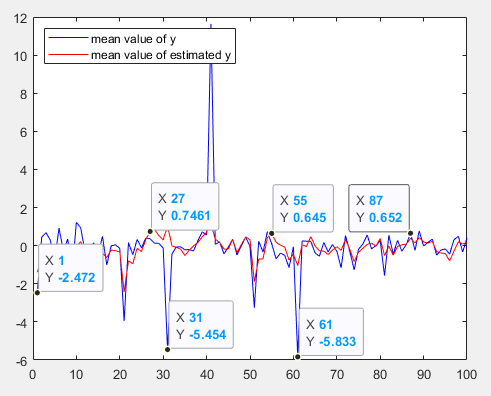




Mean value of y co-ordinates



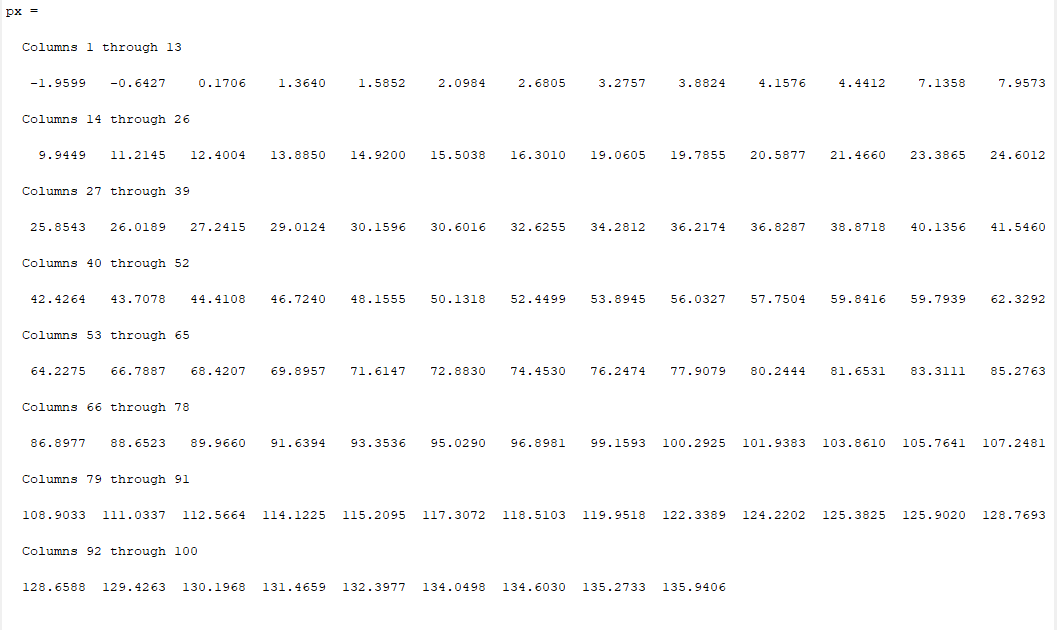
Mean values of Y and estimated Y\*were plotted on the graph



**APPENDICES**

**TASK 3**

**Px values of object tracking**



**#Py values of object tracking**

