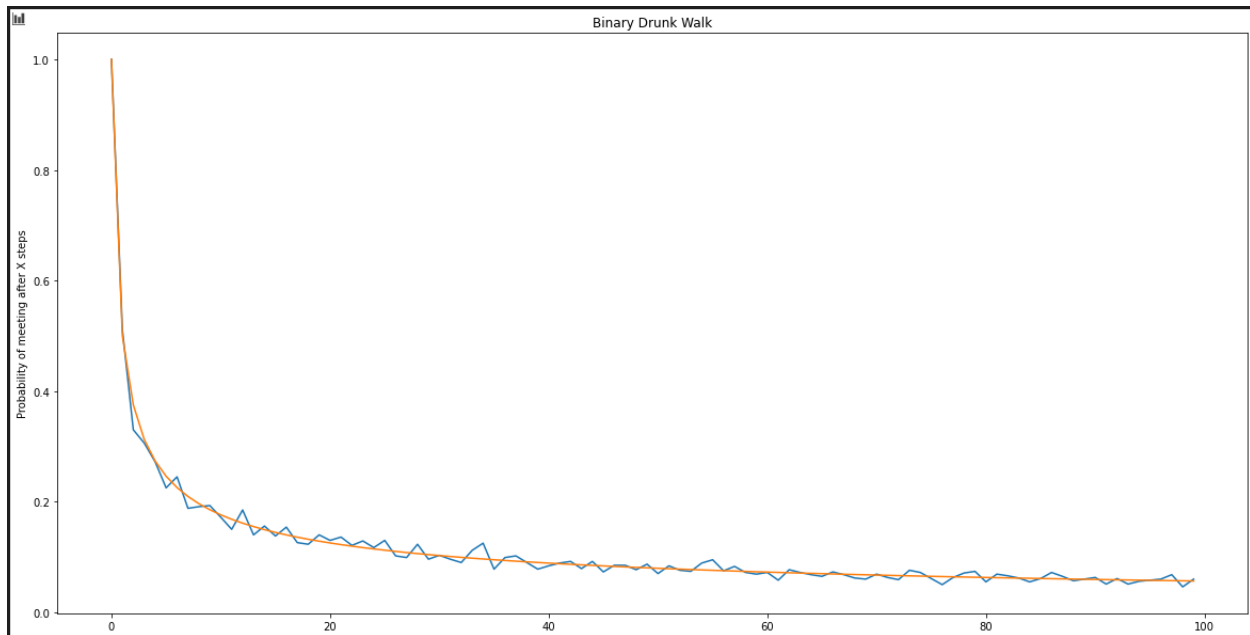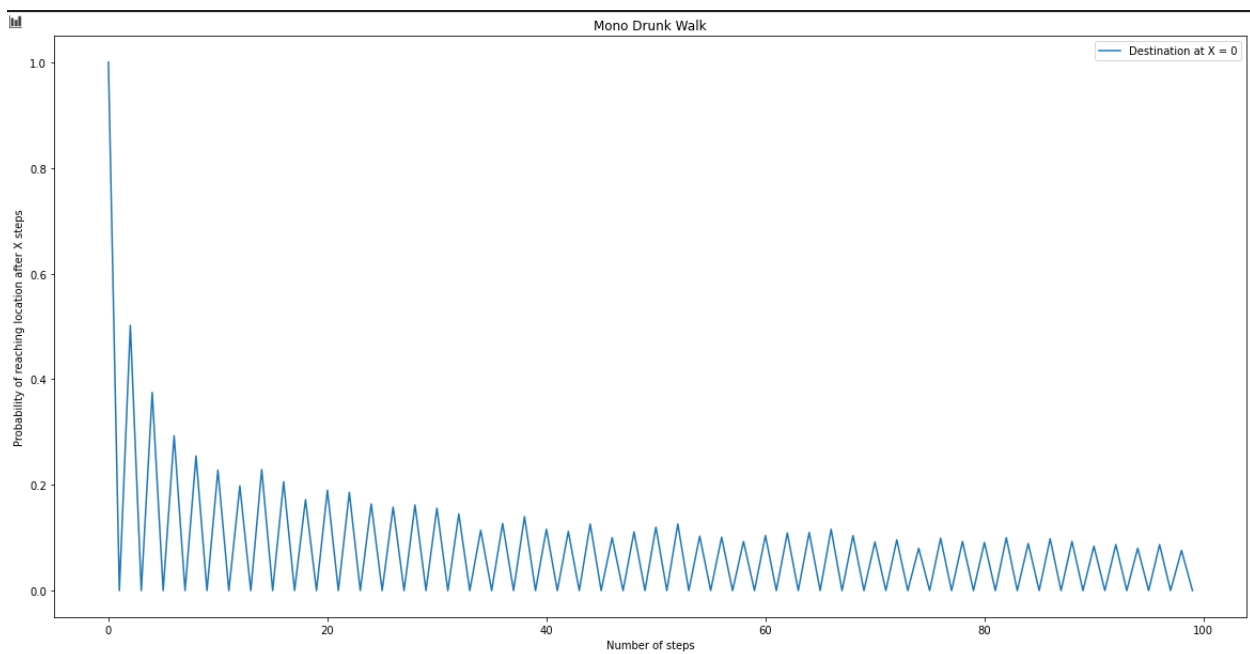# Report - 1

Plot for the probability of meeting after N steps, where N is along the x-axis and the probability is along the y-axis.

Probability of being at the origin after N steps

Mean displacement of the drunk

Mean squared displacement of the drunk