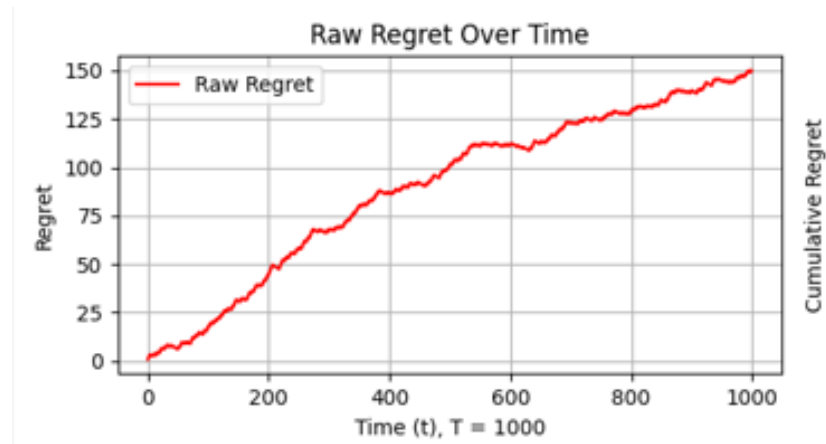
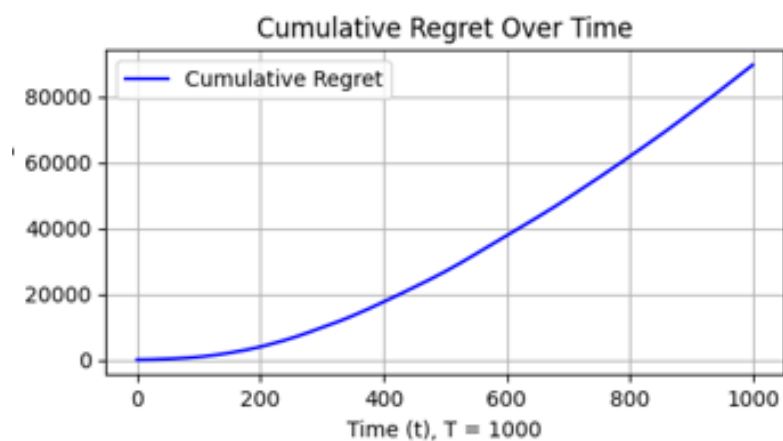


# Assignment 1 Plot Report

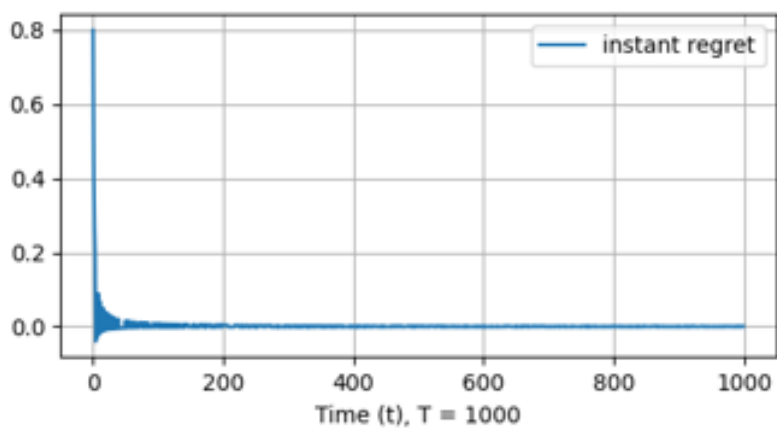
$T = 1000$



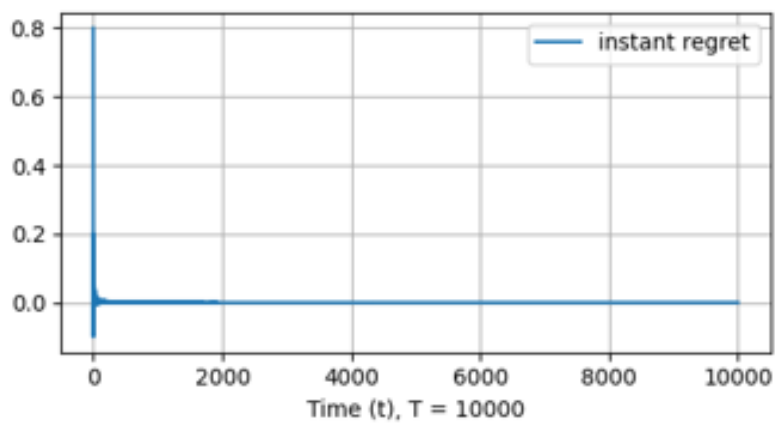
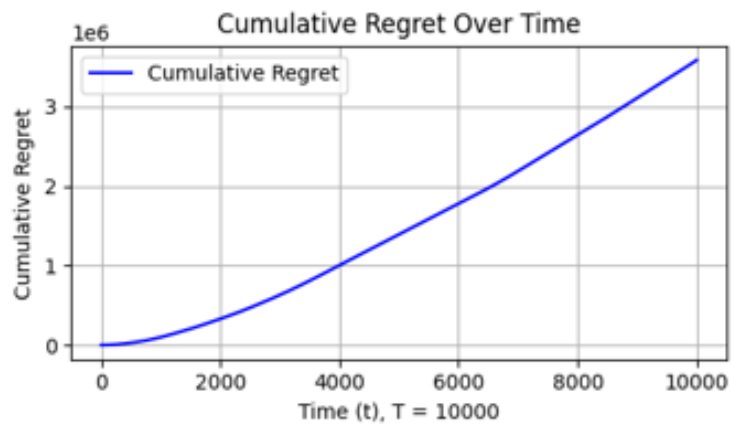
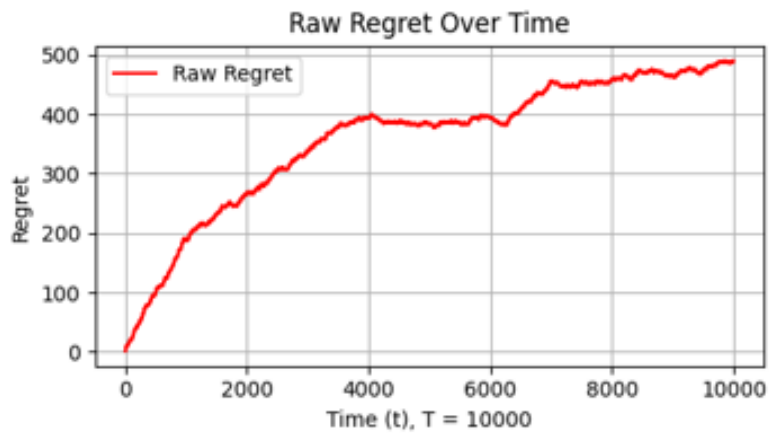
Using `np.cumsum`



Raw regret



$T = 10000$



In all cases the regret seems sublinear. (I have not proven it mathematically though).

As time goes the regret diminishes noticeably.