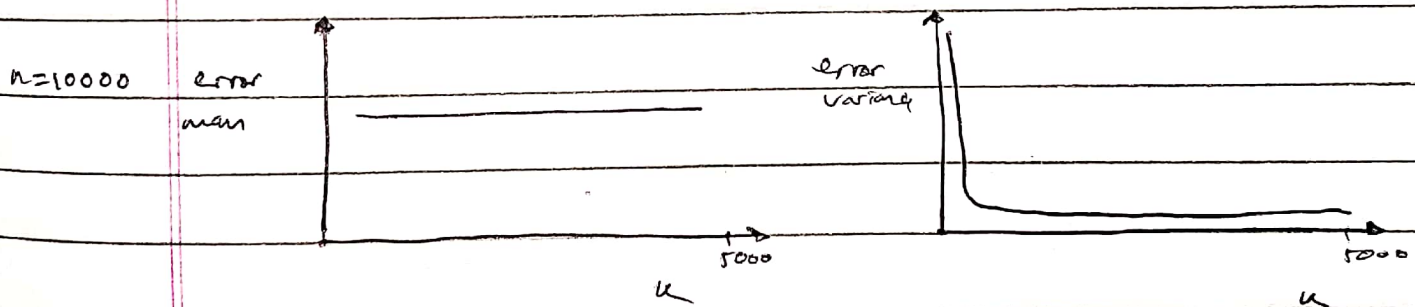
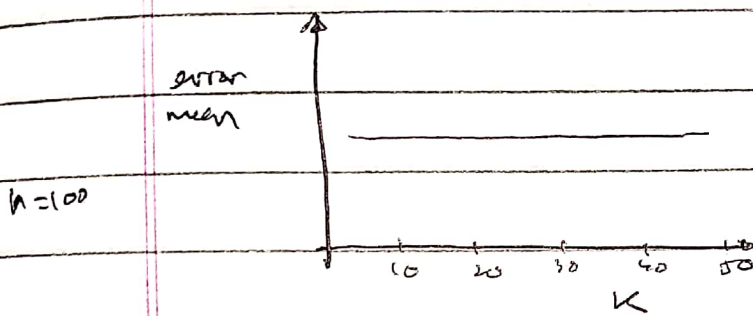


HW6 P1

a) The mean ~~is~~ is expected to stay constant.

The variance should go down with increasing k

Since we are plotting versus k error (Normal distribution)



with small values of k , smaller segments of the dataset are taken, with little ~~change~~ variance representation among them. So the error variance is large. As we take more values of k , we get closer to accurate values.

g. Check 1.py and 1.png.