Then find mini mun subtraction - Ato n norm -> 2n mm imum > K => Total operations per no for i'm 1,2-N 3m X K => Total Time complexity = 0 (mKN) computation Step 2 por all $i \in 1, 2, -\infty$ $Z_i = \frac{1}{|S_i|} \leq \chi_i \cdot \left[C_i^\circ = i \right]$ (b) mN summation = KXM Di vivioni = complents = nN+kn Tot as

 $\approx O(mN)$

in Total No. of computations

= 3mkN+ mN+ kn

 \Rightarrow for 10 iterations computations are = 10(3nKN + nN + Kn) $\approx 30nKN + 10nN + 10Kn$