i=0 i< n i+1  $\rightarrow (n)$ j=0 0 x0 < 1 1++ >  $0 \rightarrow j^2 < n$   $j = \sqrt{n}$ j=01.2 3 4 .... Vn (chota) X terms T. C > O(N/n) pr 1=0; | kn; | ++ - n pr j=1; | in ; | x=2 p j=2j 120 jal, 2, 4.  $2^{n}=n$ log n = n TC = n logn



