MPSS mid recursion fnlogn) + Size Step determining nlogn mpssMid 至109(至) 0/2 7 log(4) 1/4  $\sum_{i=1}^{K-1} \frac{1}{2^{i}(\log(\frac{n}{2^{i}}))} + \sum_{i=1}^{K-1} \frac{1}{2^{i}(\log(\frac{n}{2^{i}}))}$ Ly logn - log zi ilogz K= 1097  $n \sum_{i=0}^{\infty} \overline{2^{i}} (logn-i)$  $n\left[\sum_{i=0}^{k-1} \frac{1}{2^{i}}\right] \left[\sum_{i=0}^{k-1} (\log n - i)\right]$  $n \left[ \frac{z-1}{z^{k-1}} \right] \left[ logn - \frac{(k-1)(k)}{z} \right]$ Jogn - (logn) - Magh. O(nlog2n)