## Assignment - 4

A) 
$$T(m) = aT(m/w) + f(m)$$

$$F(m) = O(m^{\kappa} \log^{n})$$

$$b=2$$
  $P=0$   $\log_{b}^{a}=1$   $\log_{b}^{a}=1$   $k=1$ 

$$a=2 K=1 \log a \Rightarrow \log^2 = 1$$



Shot on vivo Z1Pro Vivo Al camera

$$|3| T(n) = 2T (n/2) + n^{2}$$

$$a = 2$$

$$b = 2$$

$$b = 2$$

$$\log^{2} = 1$$

$$\log^{2} = 1$$