Fither, Sprenter 6, 2024
$$= 2T(n/4) + n$$
 $a = 2$
 $b = u$
 $f(n) = n$
 $log_ab = log_2u = 2$

Compane n to log_2u
 n is slower than n

(ase 1. Therefore,

 $Te f(n) = 0 (log_ba - E) for$
 $then, T(n) = 0 (log_ba)$
 $then, T(n) = 0 (log_ba)$
 $then, T(n) = 0 (log_ba)$

$$a=2$$
 $b=4$
 $f(n)=n^2$
 $log_ba=log_42=0.5$
 $log_ba=log_42=0.5$