while 1>2° (i) trived (2) is the stopping criteria. n 25K = 2 $\frac{1}{25^{K}} \log_2 n = I$ $25^{K} \log_2 n = 25^{K}$ $\log_2 n = 25^{K}$ log₂₅(log₂n) = log₂₅(25)^K K= 1092 (lug_n) = O(wg(wgn))

$$i = 29$$

while $i < n \implies (29) = n$
 $i = i^{23}$

so dog $i < 0$
 $i = i^{23}$
 $i =$

