obsi in n in nhr nhr nhr while is a 2: 1= 1/8 n/ssk = 2 n/ssk = 2 lug2 n/25k - log22 @ i= 29 while ikn: 10 is1 1/26 log 2 n = 1 while icn: logan = 25k Kingsis = loger (igan) K= loger (log.1 @Ar. i.e . O (wg (wg n)) 23k log 29 = log 29 7 23h = logen k log 23 23 = log 29 (log 29 h K = log 23 (lug 29 n)

i. c & o (log 23 (log 29 n)) or O (log (log n))

