a) def son 1 (n): fun1(n) Fun1 (n-1) 2 4 fon 1(n-2) fun 1 (n-2) fun 1 (n-2) n 2 fun 4 (n-n) fotal asymptotic. I keep 2 k b) def funz(n): funz(n) total assumption funz(n/12) total asymptotic = log_n fun2(n/14) funz (n/18) fun = (n/12) -> n < 2 7 - 600 = (h) c) def fun3(n):
fun3(n)/2)
fun3(n//2)
fun3(n//4)

fun3(n//4)

100p(n//4) total asympotitie. n-log(n)