Heap: O(n\*log(n))

Oddeven: p\*O(n/p)

Oddeven mit Heap: p\*O(n/p) + O(n/p\*log(n/p))

n/p\*Log(n) – log(p) 🡺 O(n/p \* log(n)) – O(n/p \*log(p)) 🡺 <= O(n/p \* log(n))

O(n/p \* log(n)) + O(n)

Für:

p >= log(n) = O(n)

p < log(n) = O(n/p \* log(n))

Übung 1 aufgabe 3:

Bn(p) = sn/tn(p): sn = n\*log(n);