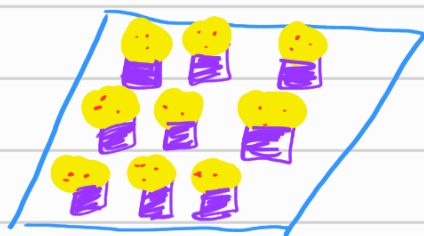


Trinity.Loren / DC = triniLapar

Masalah:

Seorang penjual kue membuat banyak muffin, ia ingin mengetahui berapa banyak muffin yang telah dia buat, bagaimana cara dia menghitungnya?

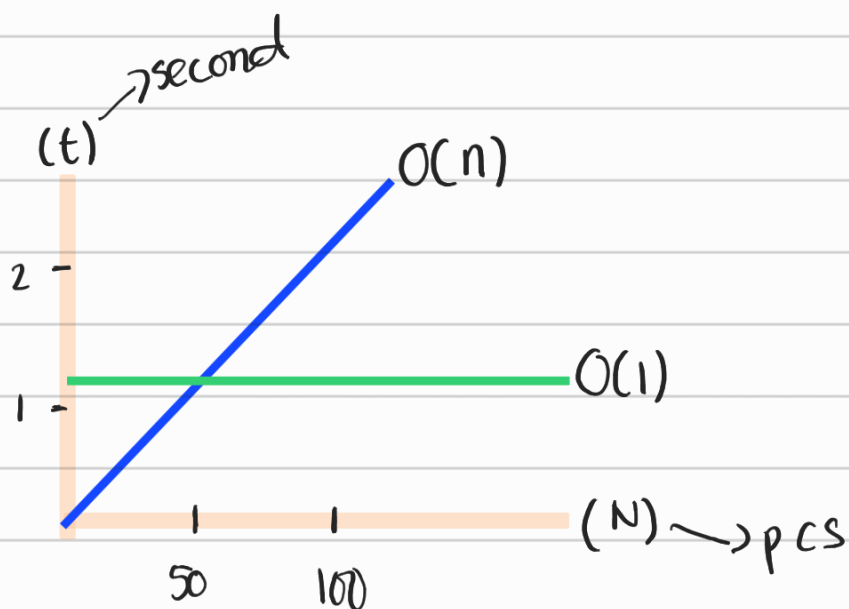
Muffin tray



Jawab:

A) Plot Kompleksitas

- i) $O(n)$
- ii) $O(1)$



B) Pseudocode

i) $O(n)$

1. Take the muffin tray
2. Look at the muffin in the muffin tray
3. If there is a muffin that hasn't been counted
Add +1 to the total quantity
Save the total quantity
Go back to line 2
4. Else
5. Quit

2) 0 (1)

1. Take the muffin tray
2. Count the amount of the muffin tray (t)
3. Count the amount of muffin that can fit in the tray length wise (L)
4. Count the amount of muffin that can fit in the tray width wise (w)
5. Input the data to the formula
 $t \times L \times w = \text{amount of muffin}$
Save the result
6. Else
7. Quit