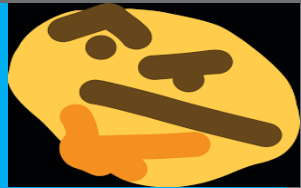


Re:CURSION

- Starting Method in Another Namespace -

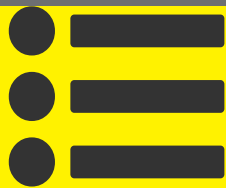


Apa itu?



Suatu proses dimana suatu method memanggil method itu sendiri.

Jenis-Jenis Rekursi



- Linear Recursion
- Binary Recursion
- Multiple Recursion
- Tail Recursion

Struktur Kode

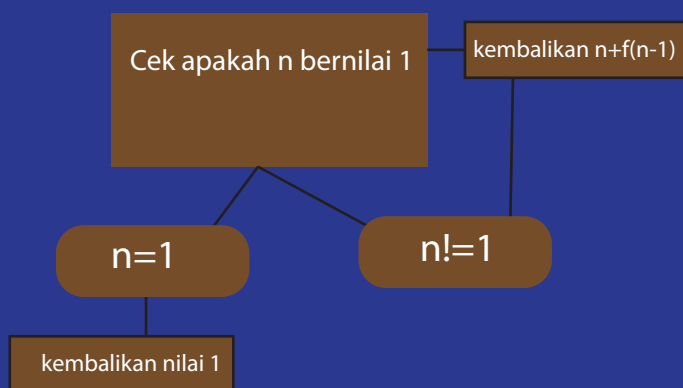


```
public int sum (int n){  
    // Base Case  
    if (n==1)  
        return 1;  
    //Recursive Case  
    return n+sum(n-1);  
}
```

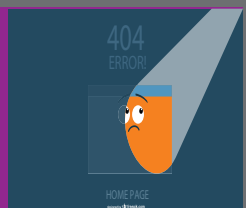
Contoh Implementasi

- Binary Search
- Bilangan Fibonacci
- Faktorial
- Dynamic Programming

Ilustrasi

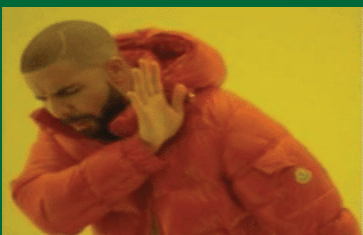


Kesalahan Umum



- Base case yang tidak dieksekusi dideklarasasi
- Rekursi tidak konvergen
- Base case yang dideklarasikan masih belum cukup untuk menyelesaikan suatu masalah

Intermezzo



Ending a recursive function



Ending a recursive function



Ending a recursive function

To understand recursion, you first have to understand recursion.

Referensi

<http://cs-fundamentals.com/c-programming/recursion-in-c.php>
<http://web.mit.edu/6.005/www/fa15/classes/10-recursion/>