STRUKTUR DATA KONSEP DASAR LIST
STRUKTUR DAN DAN KONSEP DASAR LIST

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Syarat Ilmu adalah Tawadhu (merendahkan diri pada ilmu, menghormati ilmu dan membutuhkan ilmu)

Maka ilmu akan meresap di dalam qolbu

# Struktur Data Fokus pada

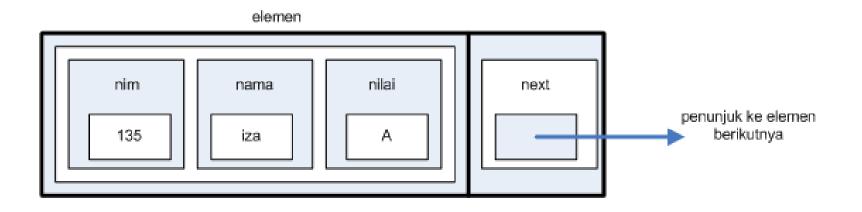
# **Aturan Main**

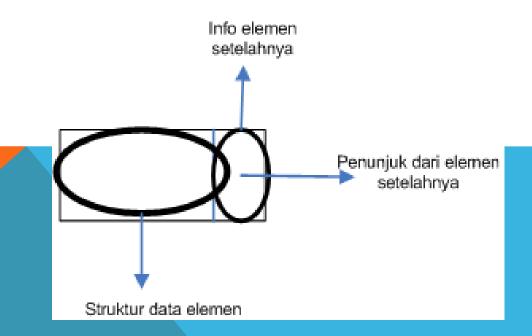
dari Konsep-konsep yang Termasuk dalam Struktur Data

# **POINTER**

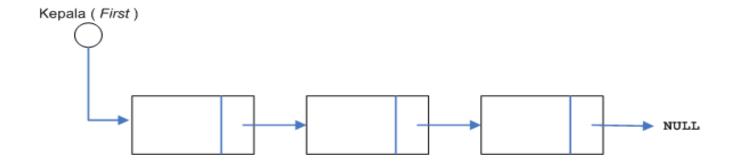
Pointer = Penunjuk = Pengait

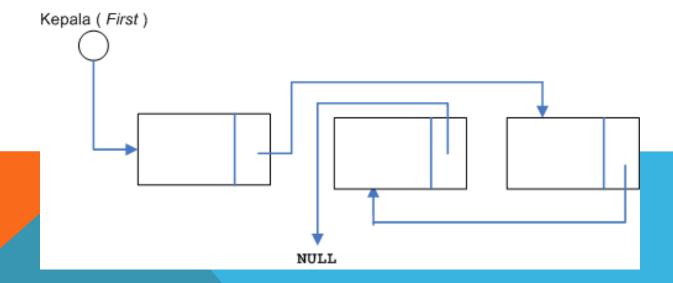
## **KONTAINER ELEMEN**



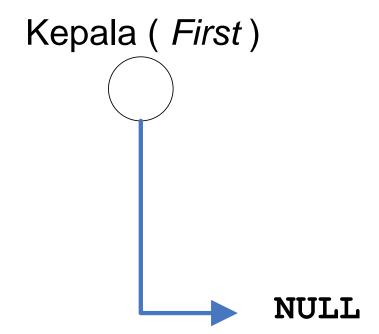


# **LIST**

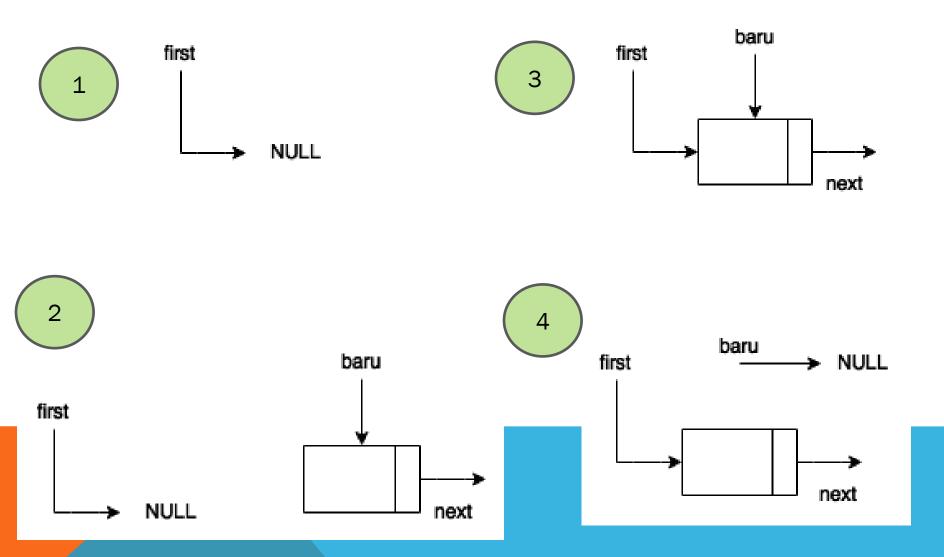




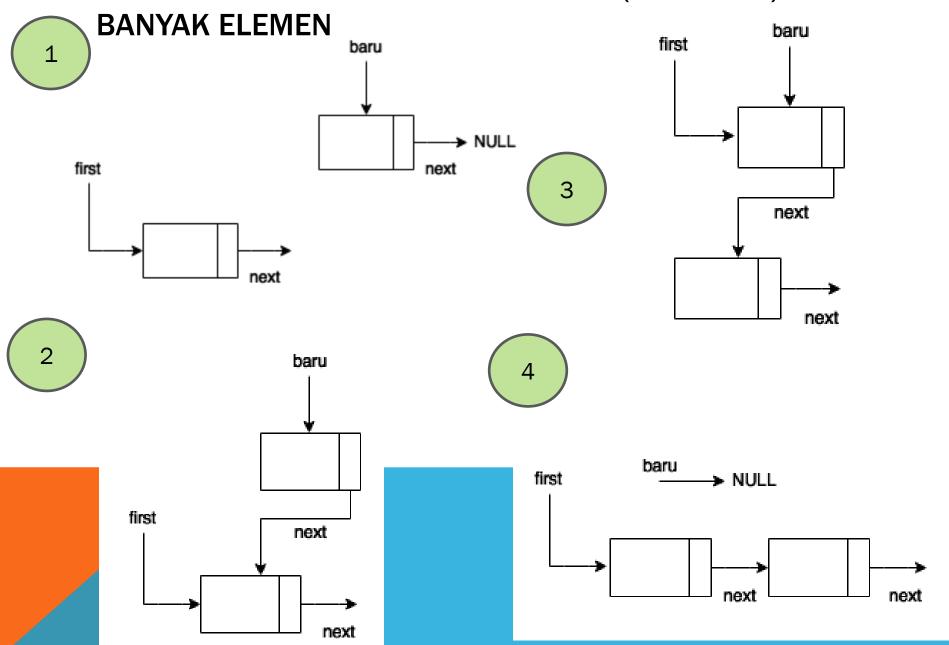
# **LIST KOSONG**



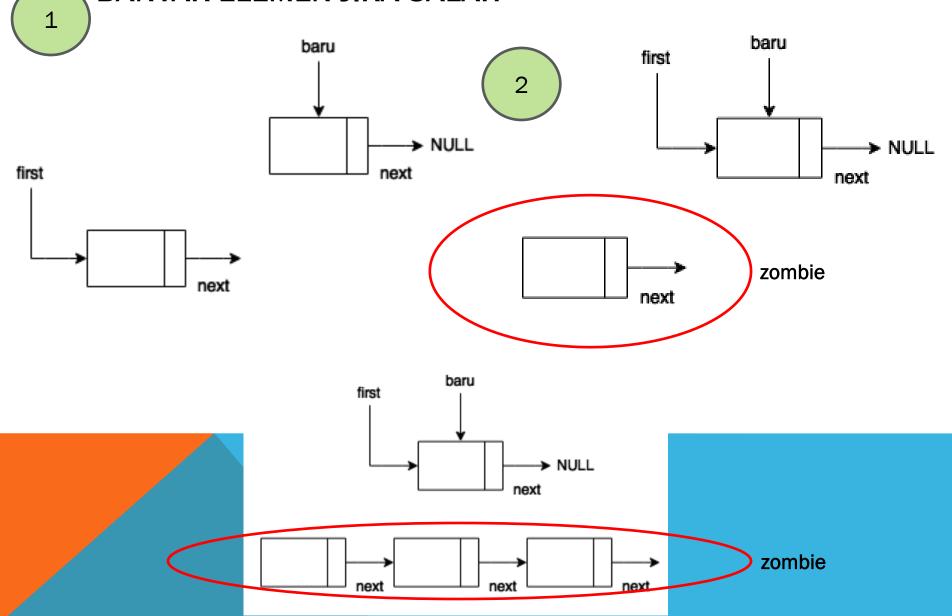
# PENAMBAHAN ELEMEN DI AWAL LIST (ADDFIRST) LIST KOSONG



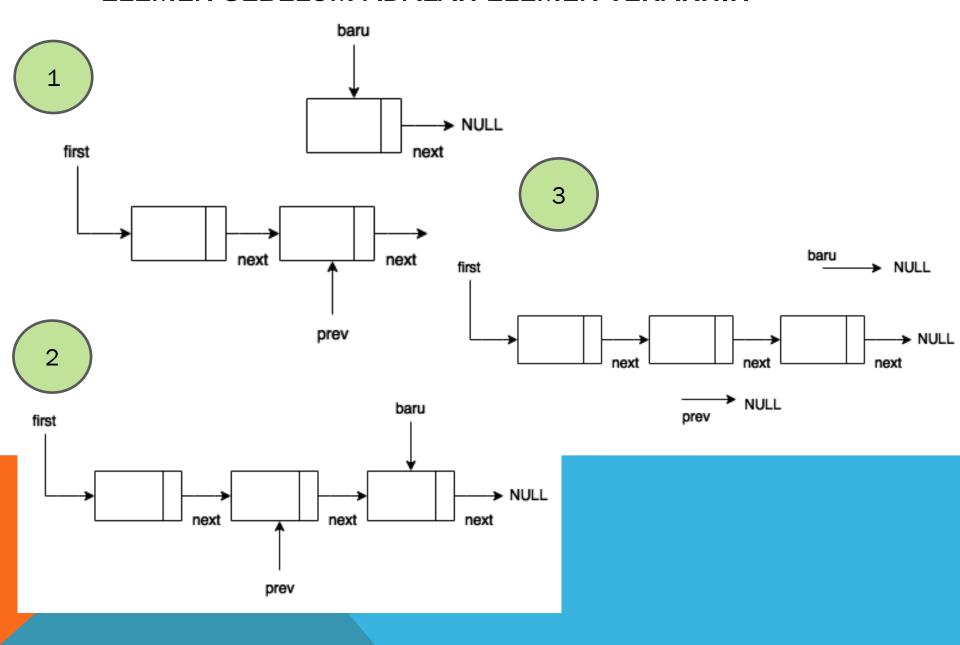
# PENAMBAHAN ELEMEN DI AWAL LIST (ADDFIRST)



## PENAMBAHAN ELEMEN DI AWAL LIST (ADDFIRST) BANYAK ELEMEN JIKA SALAH

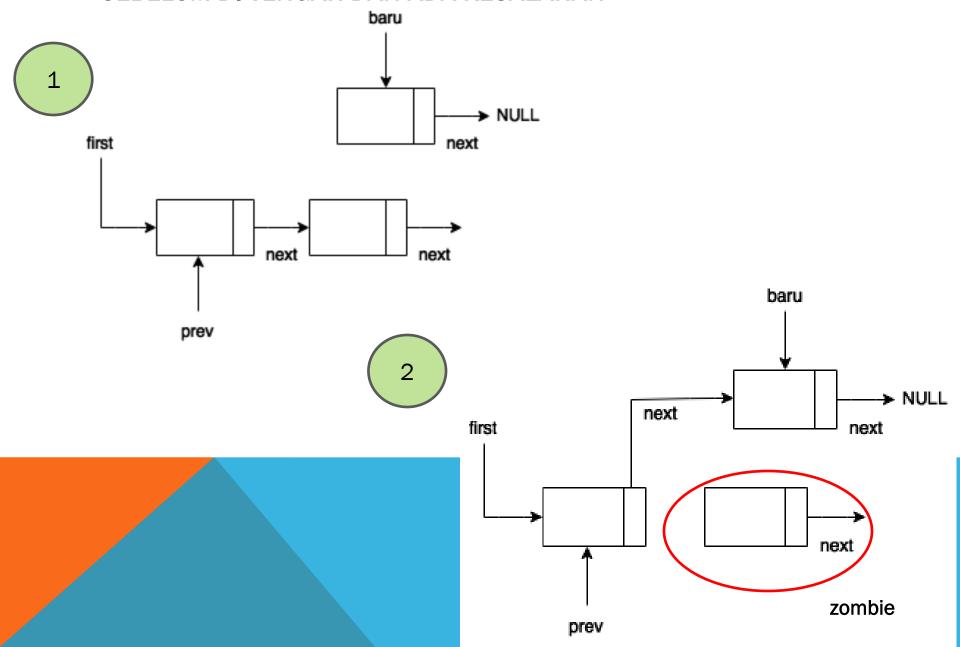


# PENAMBAHAN ELEMEN DI TENGAH (ADDAFTER) JIKA ELEMEN SEBELUM ADALAH ELEMEN TERAKHIR

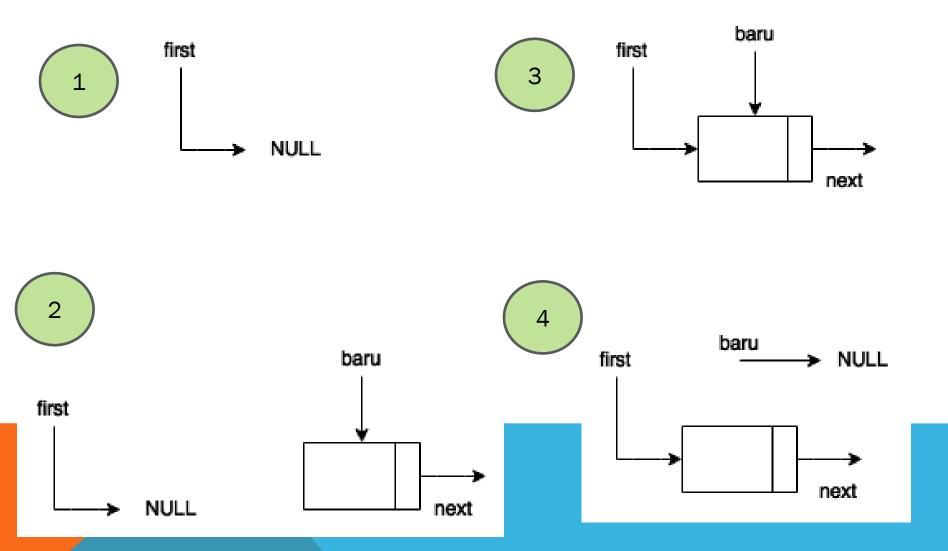


#### PENAMBAHAN ELEMEN DI TENGAH (ADDAFTER) JIKA ELEMEN **SEBELUM DI TENGAH** baru baru next → NULL first first next 3 next next next prev prev baru baru NULL next next first first next next next prev prev

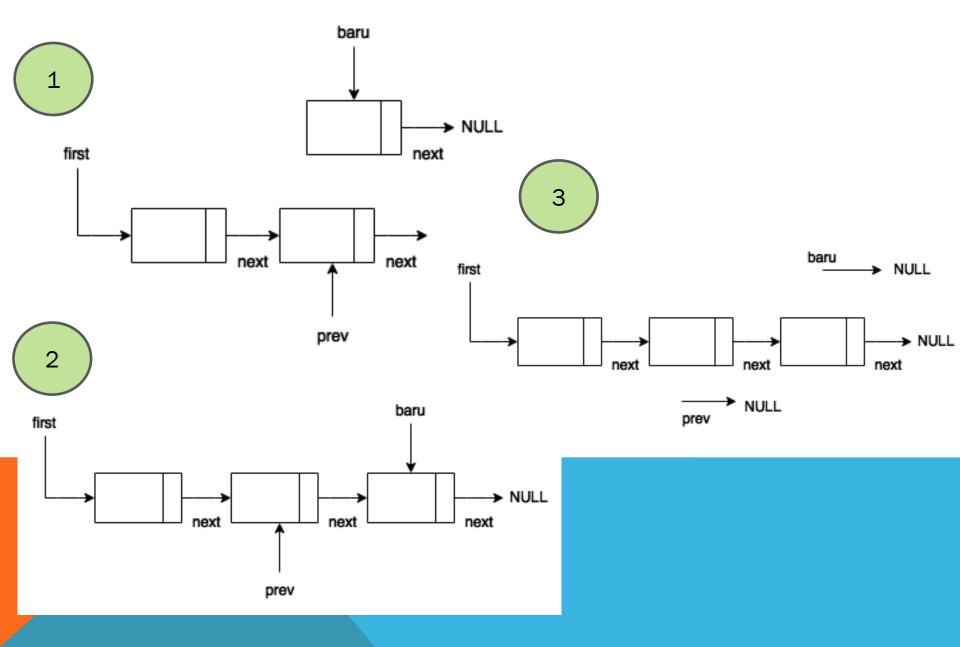
# PENAMBAHAN ELEMEN DI TENGAH (ADDAFTER) JIKA ELEMEN SEBELUM DI TENGAH DAN ADA KESALAHAN



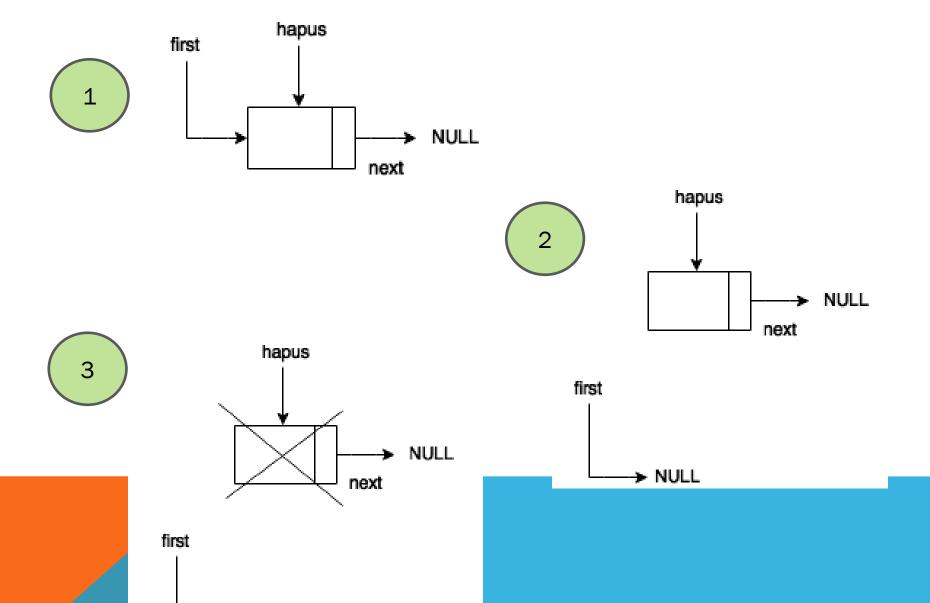
## PENAMBAHAN ELEMEN DI AKHIR (ADDLAST) JIKA LIST KOSONG MAKA ADDFIRST UNTUK LIST KOSONG



#### PENAMBAHAN ELEMEN DI AKHIR (ADDLAST) JIKA ELEMEN BANYAK ELEMEN MAKA ADDAFTER ELEMEN BELAKANG

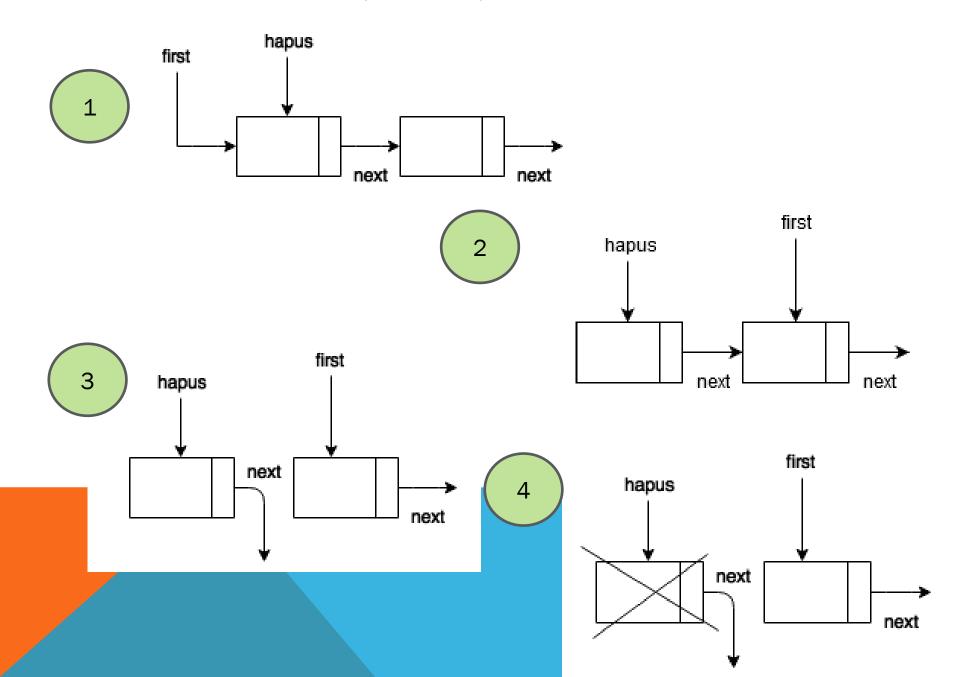


### HAPUS ELEMEN AWAL (DELFIRST) JIKA SATU ELEMEN

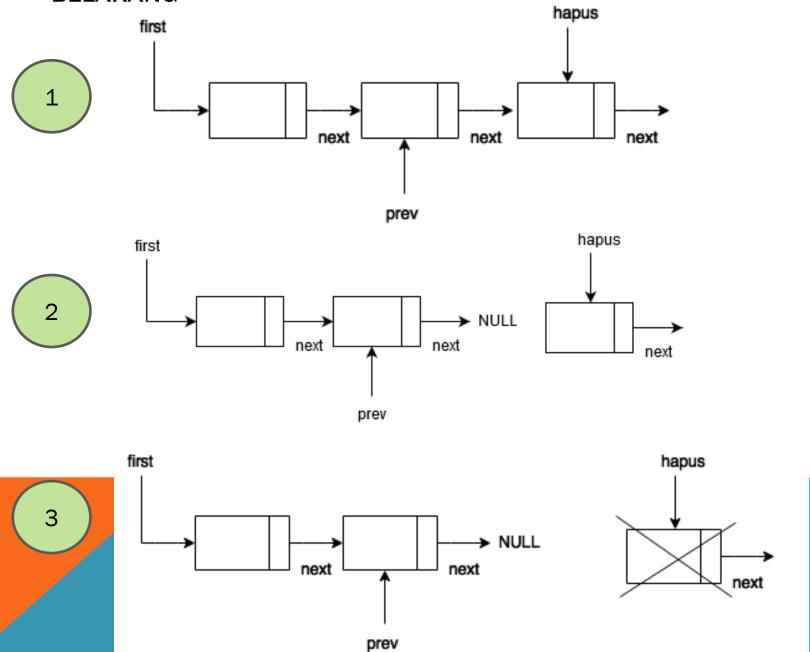


NULL

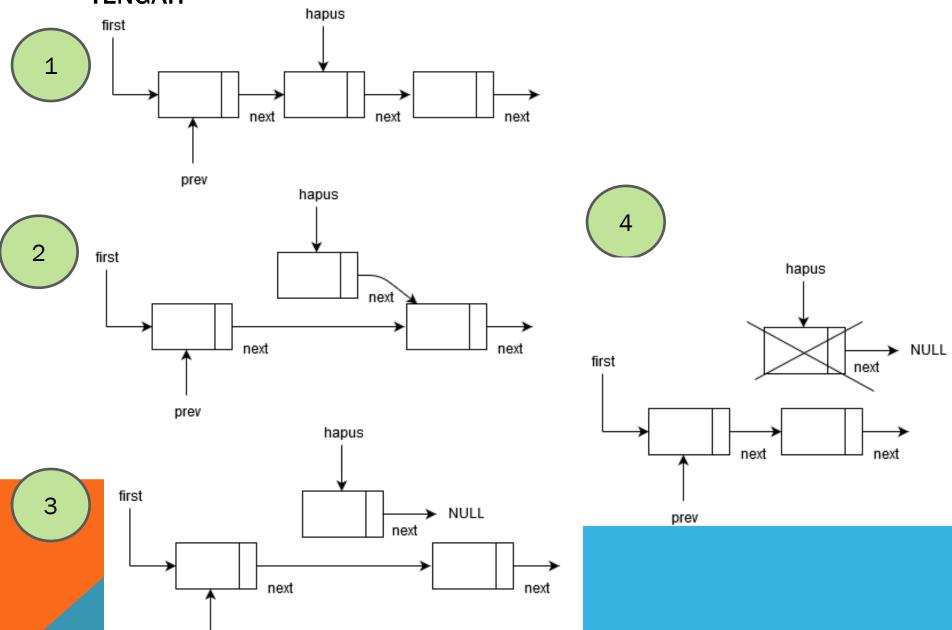
### HAPUS ELEMEN AWAL (DELFIRST) JIKA BANYAK ELEMEN ELEMEN



### HAPUS ELEMEN TENGAH (DELAFTER) JIKA YANG DIHAPUS PALING BELAKANG

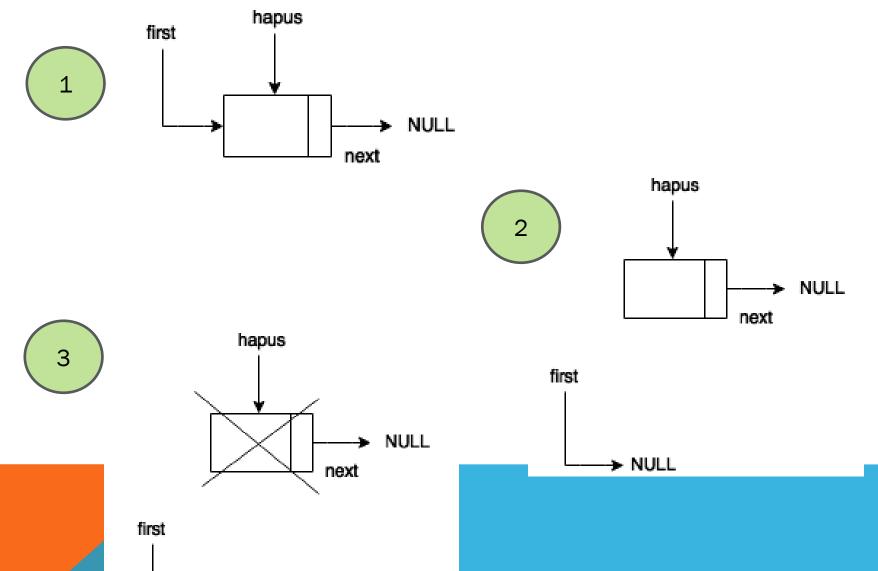


### HAPUS ELEMEN TENGAH (DELAFTER) JIKA YANG DIHAPUS DI TENGAH



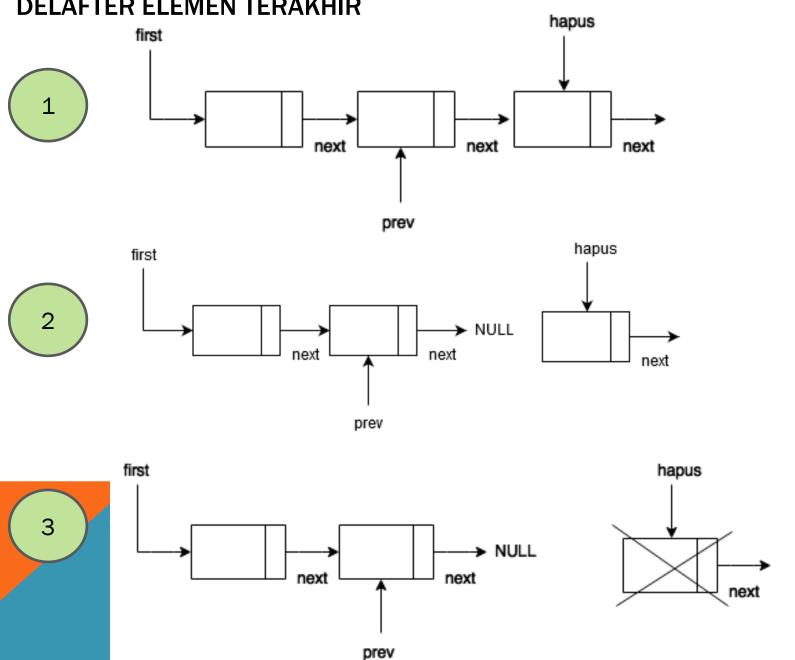
prev

### HAPUS DI AKHIR (DELLAST) JIKA HANYA SATU ELEMEN MAKA DELFIRST SATU ELEMEN



NULL

### HAPUS DI AKHIR (DELLAST) JIKA BANYAK ELEMEN MAKA DELAFTER ELEMEN TERAKHIR



### **DAFTAR PUSTAKA**

S, Rosa A. dan M. Shalahuddin. 2010. Modul Pembelajaran: Struktur Data. Modula: Bandung.

