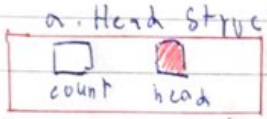
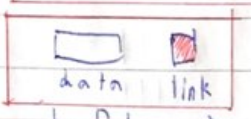
Date: No.:

1. โครงสร้างโหนด

a. Head structure

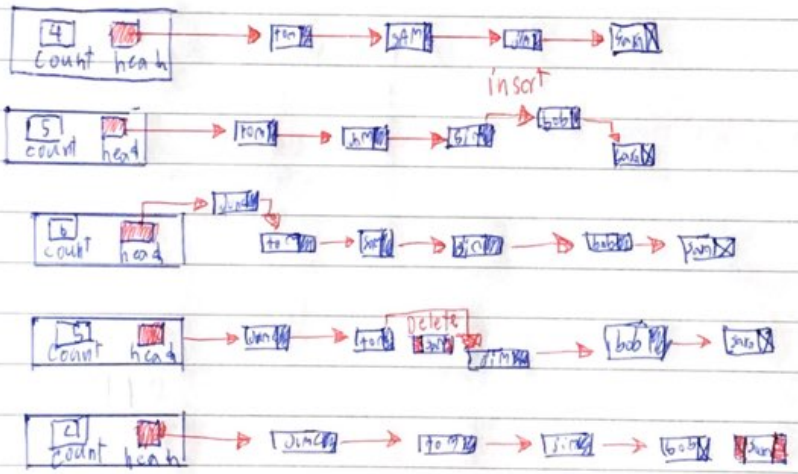




b. Data node structure

```
<list>
   count <integer>
   head <pointer>
end list
<node>
   data <dataType>
   link <pointer>
end node
```

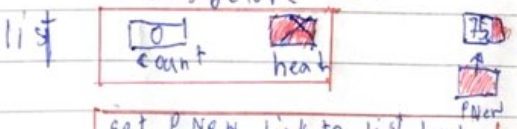
2. การ insert และ delete



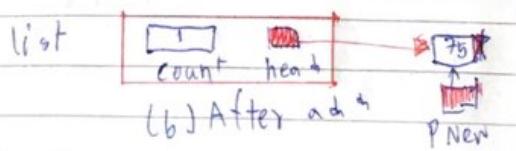
3. การเรียงโหนด

3.1 การเรียงโหนดในลิงก์ลิสต์

(a) before add

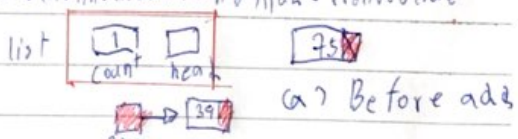


set pNew link to list head
set list head to pNew



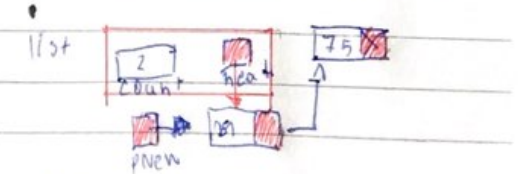
(b) After add

3.2 การเรียงโหนดในลิงก์ลิสต์ที่มีโหนดแรกอยู่แล้ว



(a) Before add

set pNew link to list head
set list head to pNew

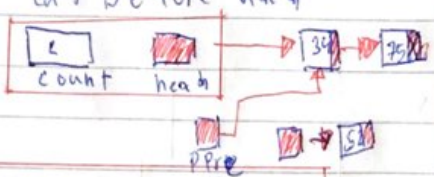


(b) After add

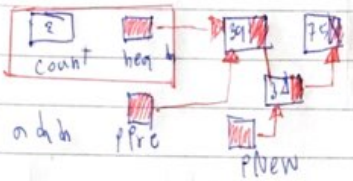
Date: No.:

3.3 การแทรกในตำแหน่งที่อยู่ตรงกลางของลิสต์ 3.4 การแทรกในตำแหน่งท้ายลิสต์

(a) Before add

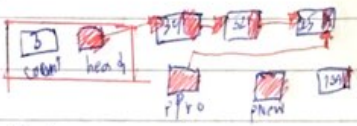


set pNew link to pPre link
set pPre link to pNew

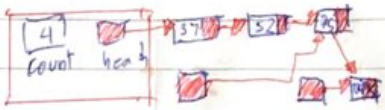


(b) After add

(a) Before add

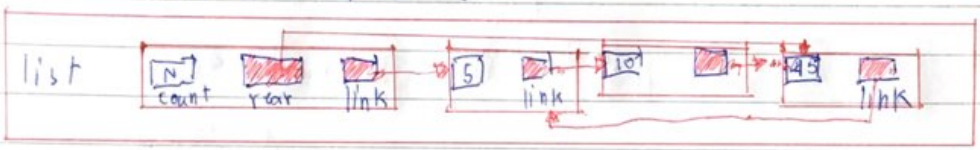


set pNew link to pPre link
set pPre link to pNew

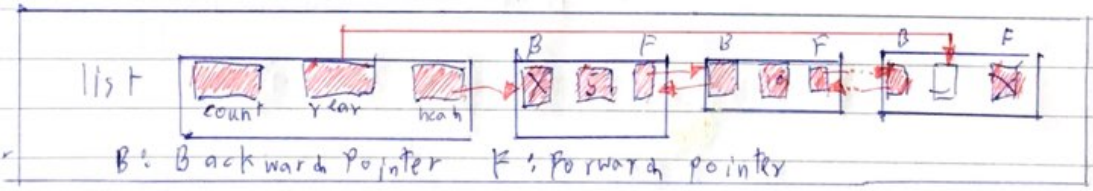


(b) After add

4. Circular-Linked Lists



5. Double-linked Lists



B : Backward Pointer F : Forward pointer