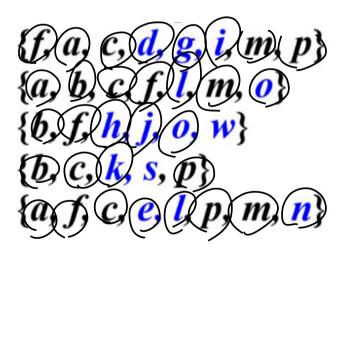
4.2.5.2 Fp-Tree Construct

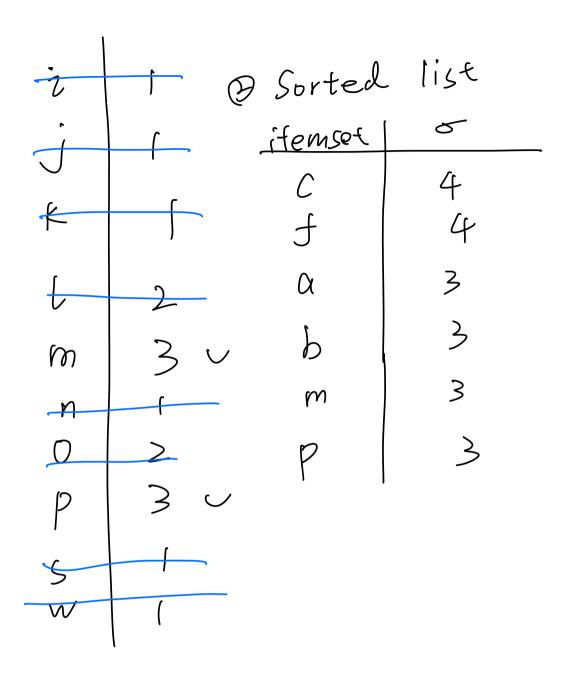
© TID	Items bought minsup=3
100	$\{f, a, c, d, g, i, m, p\}$
200	$\{a, b, c, f, l, m, o\}$
300	$\{b, f, h, j, o, w\}$
400	$\{b, c, k, s, p\}$
500	$\{a, f, c, e, l, p, m, n\}$

Solution O Scan DB

ifemset	6	
$\overline{\alpha}$	3	\cup
a b	3 4	\lor
$oldsymbol{\cap}$	4	V
4	-	
<u>e</u>		
f	4	\checkmark
9		
h		
1		

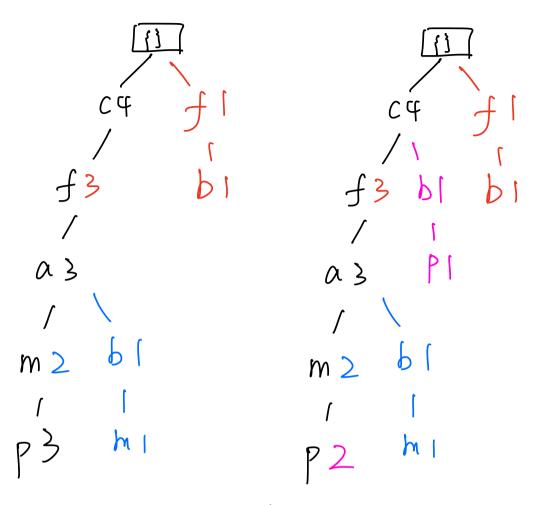
minsup = 3





@ sort frequent items in frequency descending order, F-list
Sort can not follow Alphabeta order but we recommend it.

3 Construct FP-tree base on f-list



@ construct conditional FP-Tree:m

m - conditional FP Tree is

cq fl

fs

cq fl

c;

as Pl

f;

m2 bl

f;

p2 (m1)

a:2

why: According to 3. Understand. 4.2.5 P226. minsup = 3 (1) prefix path (2) sup of $m = 3 \ge 3$ So [m] is frequence itemsel. (3) find m. conditional FP-tree cas uplate sup count of prefix tree cbo delete m node.

(3) f3 a3

(c) delete no frequence node. b:1 <3 delete b

So m. conditional tree is

1 C 3 C 3