## CS525-Advanced DataBase Organization PUTZ-1

- 1.1.1 Select distinct from city from bus
  where from city in (select distinct to city from bus)
- 1.1.2 Select a bnumber, tocity, assistatime from bus a, schedule be where upper (from city) = 'CHICAGO'

  AND to\_date (departure Time) = to\_date ('01 JAN 2014')

  AND a bnumber = b bnum

  AND a company = b company.
- 1.1.3 WHITEDOG PICOBUS.
- 1.1.4 Select min (a price + b. price) lowest fare from

  (Select bnumber, price, from city, tocity from bus

  where from city in (Select name from city where state='W4',

  and tocity='(hicago')a,

  (Select bnumber, price, from city, tocity from bus

  (Select bnumber, price, from city where state='W4')

  where tocity in (Select name from city where state='W4')

  and from city='Chicago') b

  where a from city=b tocity;

- 1.1.5 Select company, count (\*) from bus
  group by company
  having count (\*) >= 5;
- 1.1.6 Select from city, brum, to\_char (departuretime, 'H+1124:MM)
  from bus b, schedule a
  where a.brum = b.brumber
- 1.1.7 Select distinct name from city
  where name not en
  (Select distinct from city from bus
  union
  Select distinct to city from bus);

group by fromstate;

1.1.8 Select fromstate, count (\*) from (
Select a bnumber, a from city, b tocity, a slate from slate

b slale to state from

(Select b bnumber, from city) a,

where name = from city) a,

(Select b bnumber, from city, tocity, state from citya, bush

where name = tocity) b

where a bnumber = b b number)

where from city = b b number)

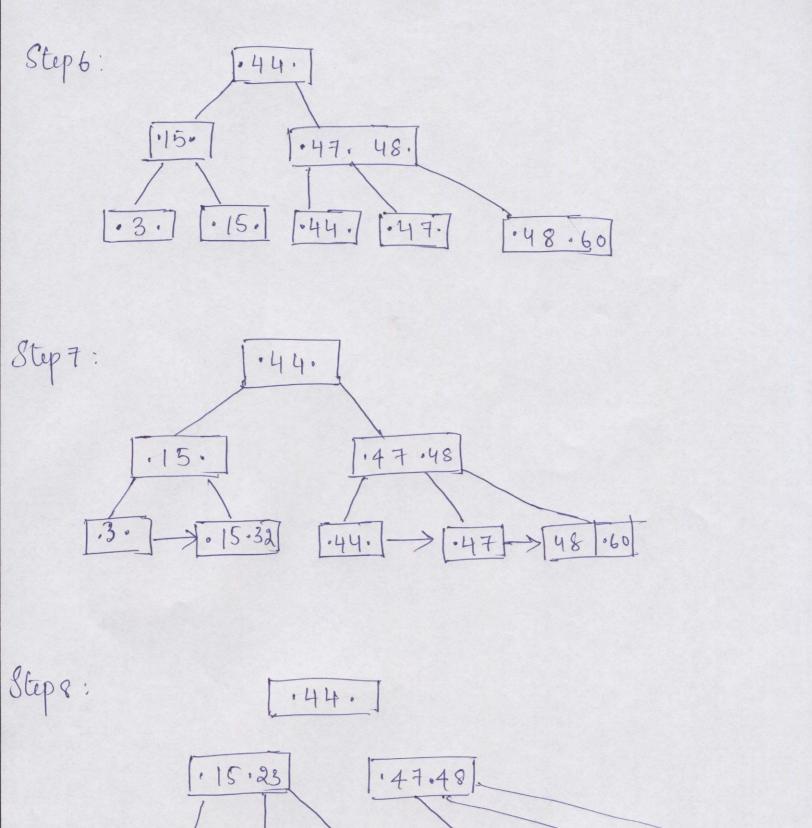
where from city = b b number)

Thum ( Tompany = 'whitedog' v company = 'picobus' (Bus)) 1.2.2 Trompany (of someity: = 'chicago, (Bus)) 89 (Company, count (bNum)) Gount (bnum)73 1.2.3 9 + Gsum (count (bNum)) (9) 91 (Bus)

9 (Tromaly (Bus)

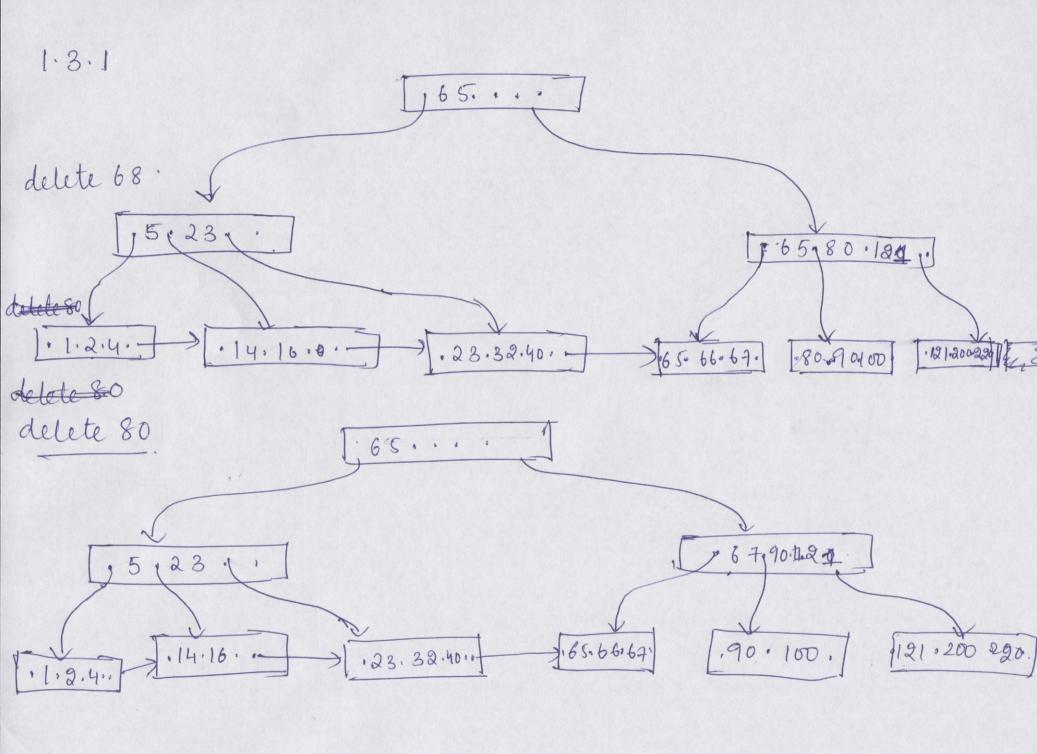
1 (Bus)

1 (Bus) 1.2.4 Treompany (G) Count (\*) > 2 [schedule (S. company) M Schedule (O. company)) 1.2.5

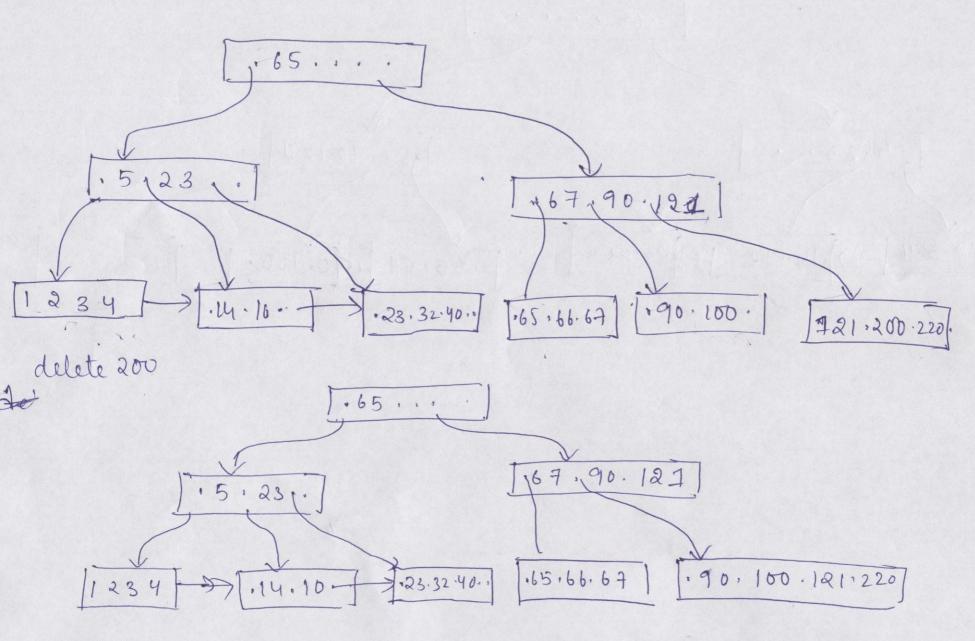


[·23·32] > [·44·] > ·47]

7.48.60



Insert 4



delete 66

165...

167,90,121

1234

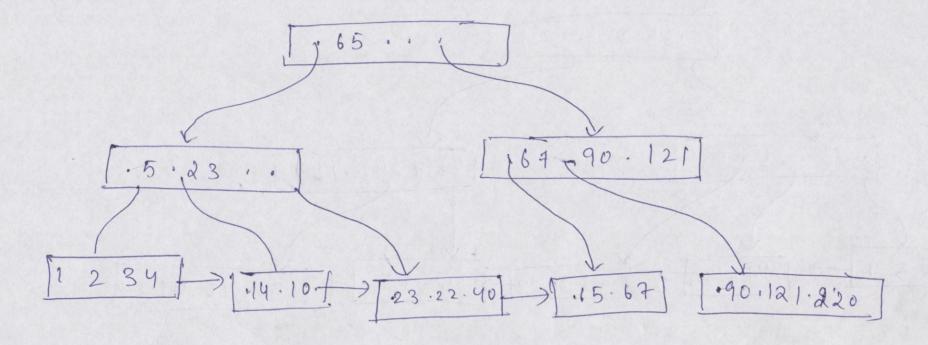
1.14.10

1.23.32.40

1.65.67

1.90,150.121-220

;



$$1.4.2$$
  $f = 4,500,000,000 - 20,000,000 + 1$   
 $4500,000,000 - 300000 + 1$ 

Max (V(beer, brand), V(brand, brew)) X Max (V(brew, city), V(loc, city)