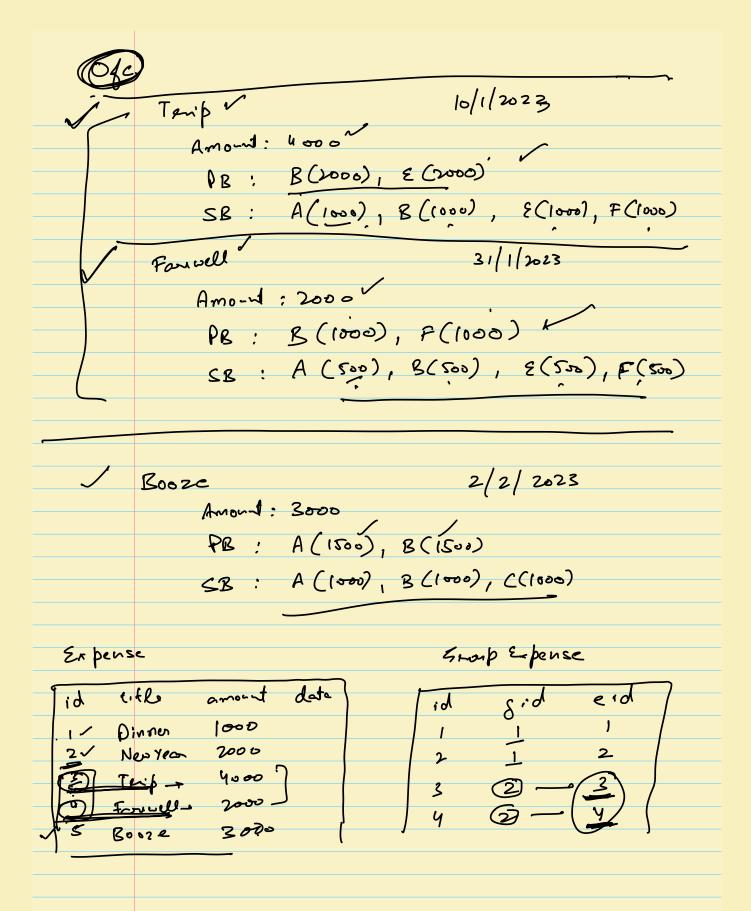


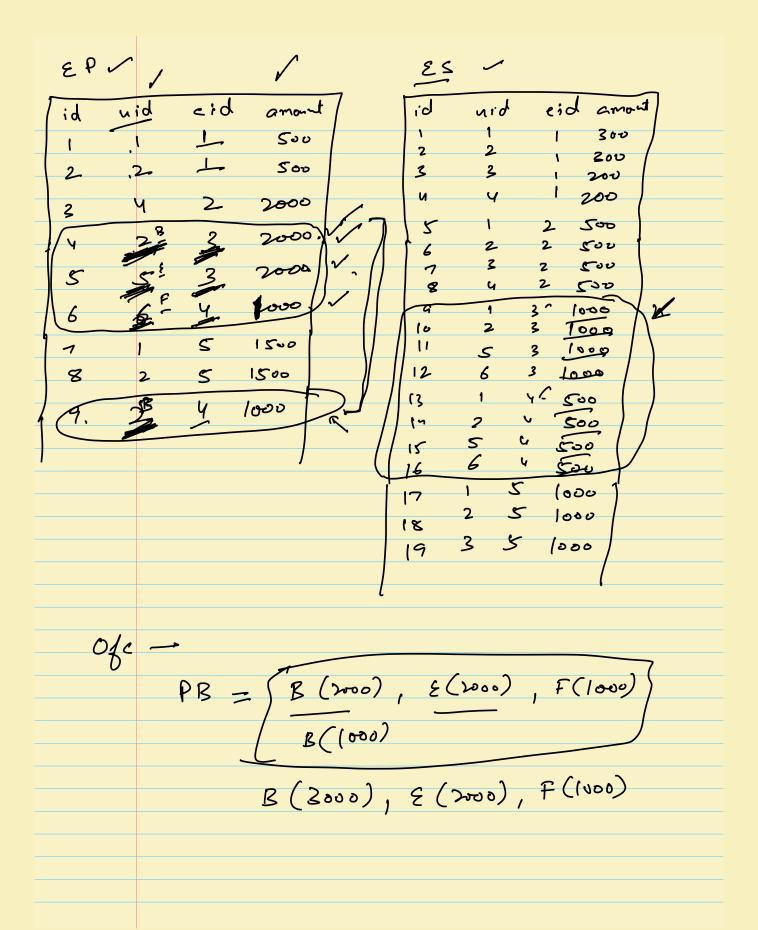
Group Participants

| | Tid | 8:0 | uid | isAdmin |
|---|-----|-----|---------------------------------------|---------|
| | | 8 | | |
| | 1 | • , | 2 - | V |
| | 2 | 1 | 2 | ~ |
| | 3 | Ţ | • • • • • • • • • • • • • • • • • • • | ^ |
| | Ч | 1 | 4 | X |
| 1 | 5 | 2 | 1 | * 1 |
| | 6 | 2 | 2 | X |
| | - | , 2 | 5 | ~ |
| | C | , 2 | 6 | / |
| J | Z | • | 6 | |

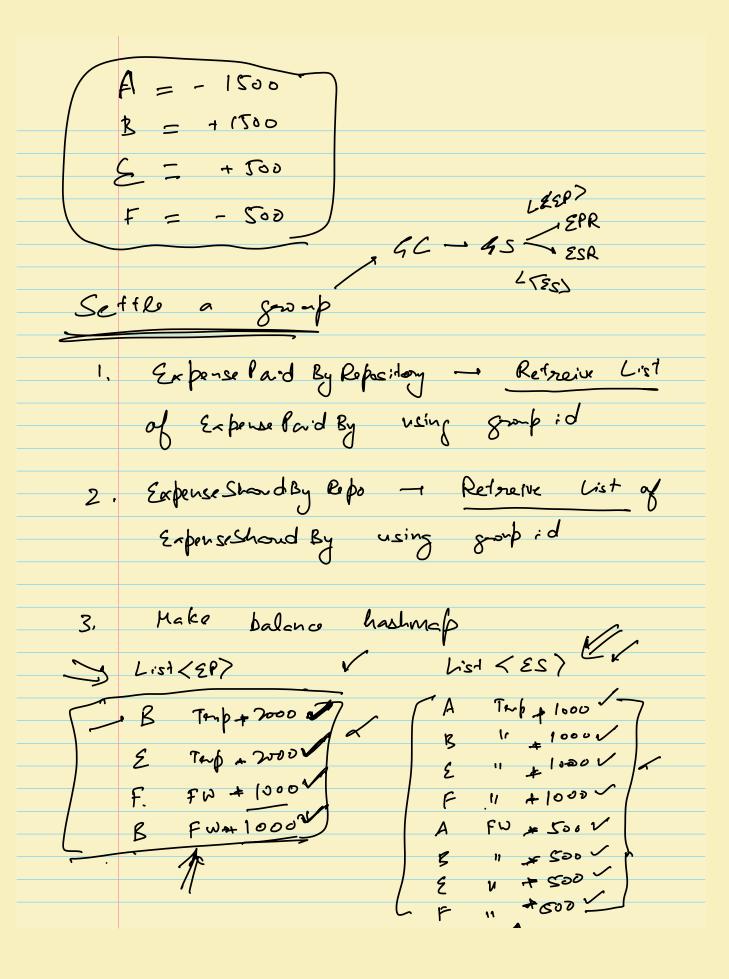
Hostel

| | 7 | | | |
|------------|---------|----|-----|------|
| Dinner | | 19 | 121 | 2023 |
| 1 | مر معدا | • | ' | |

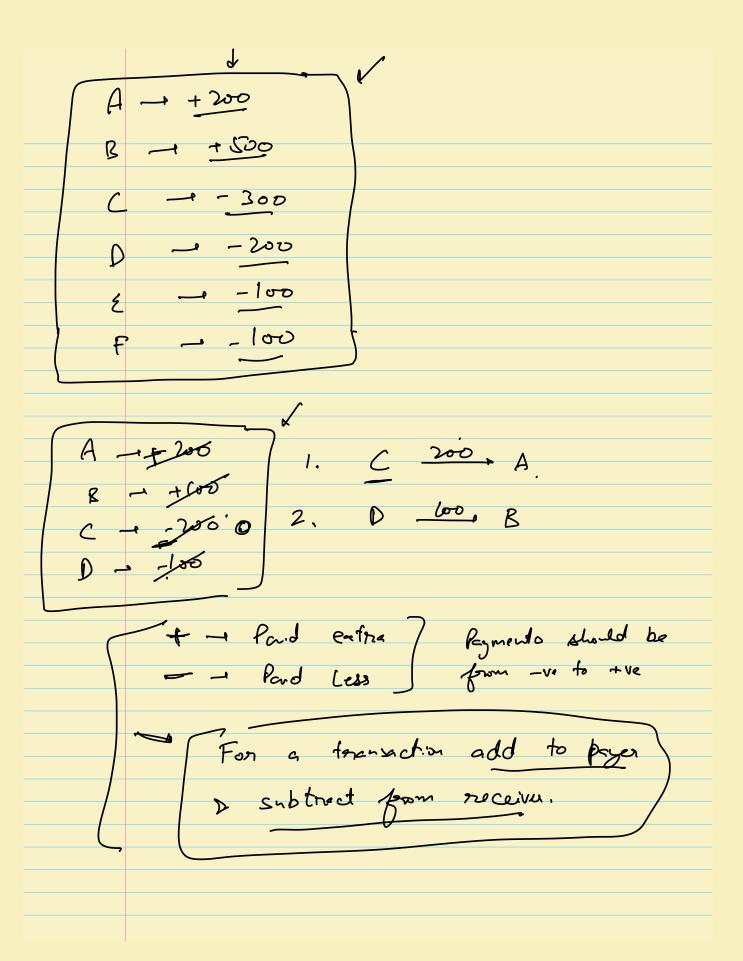


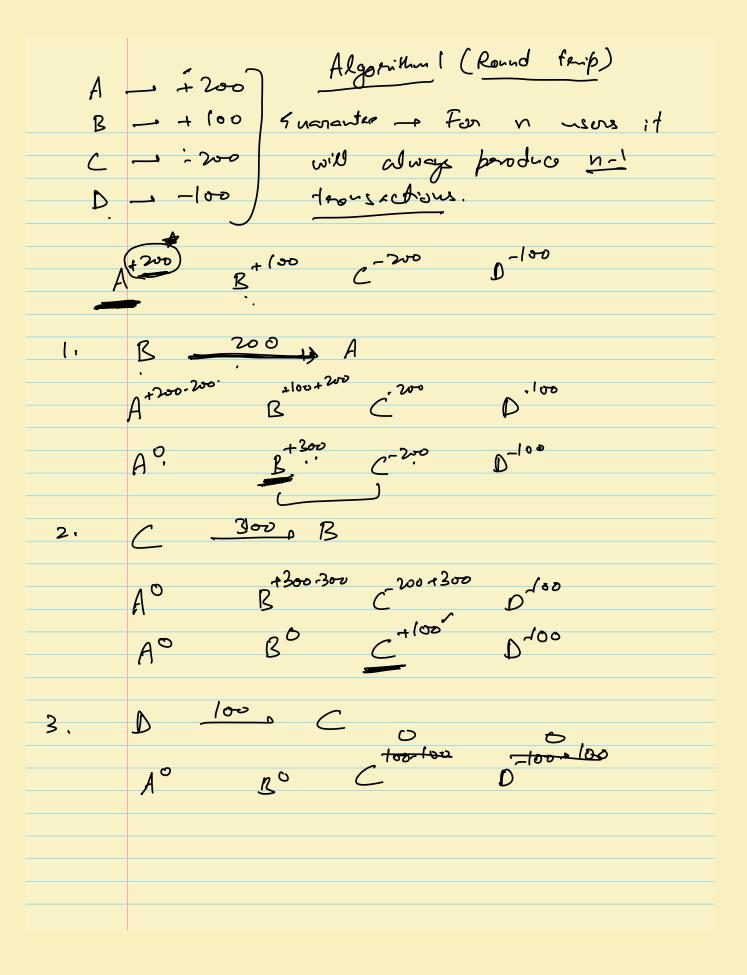


ep-usrid, SUM (ep. amoud) Select FROM Smorp S DOIN JOIN (Enpower landby ep) ON e. cid = ep. eid J01N GROUP BY ep.usnid Where g. g.d = 2 Ofc A (1500), B (1500), E (1500), F (1500) +0 - 15000 - + 3000 - 1500 - +2000 - 1500 = +500 F - + 1000 - 1500 = - 500



- 1. Restry date
- 2. Making Bal Hashmop
- 3, Settle.





Round trip

1. Guarantied n-1 transactions.

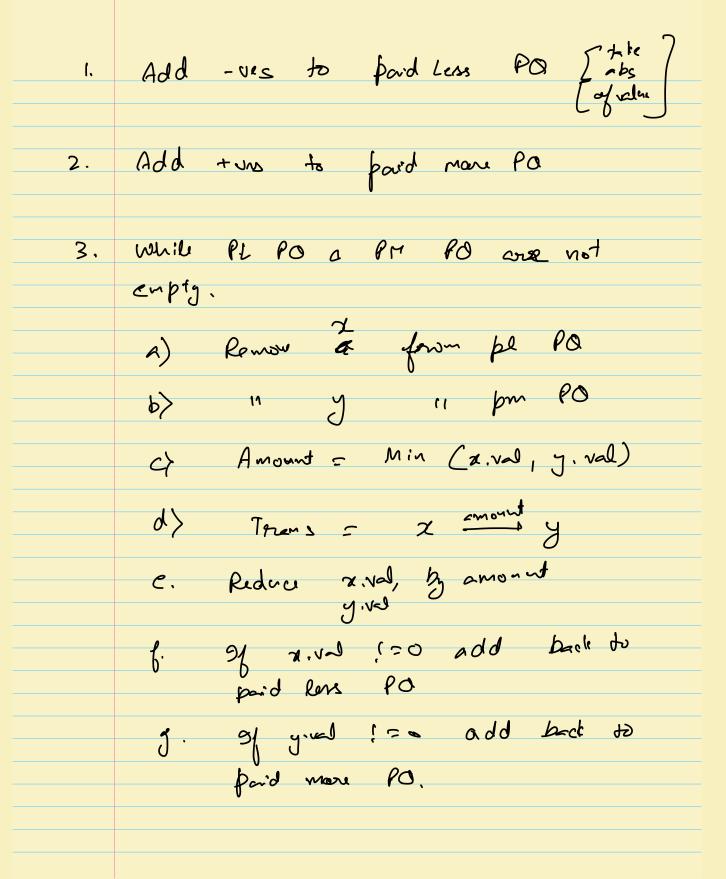
2. Problem = Not smal

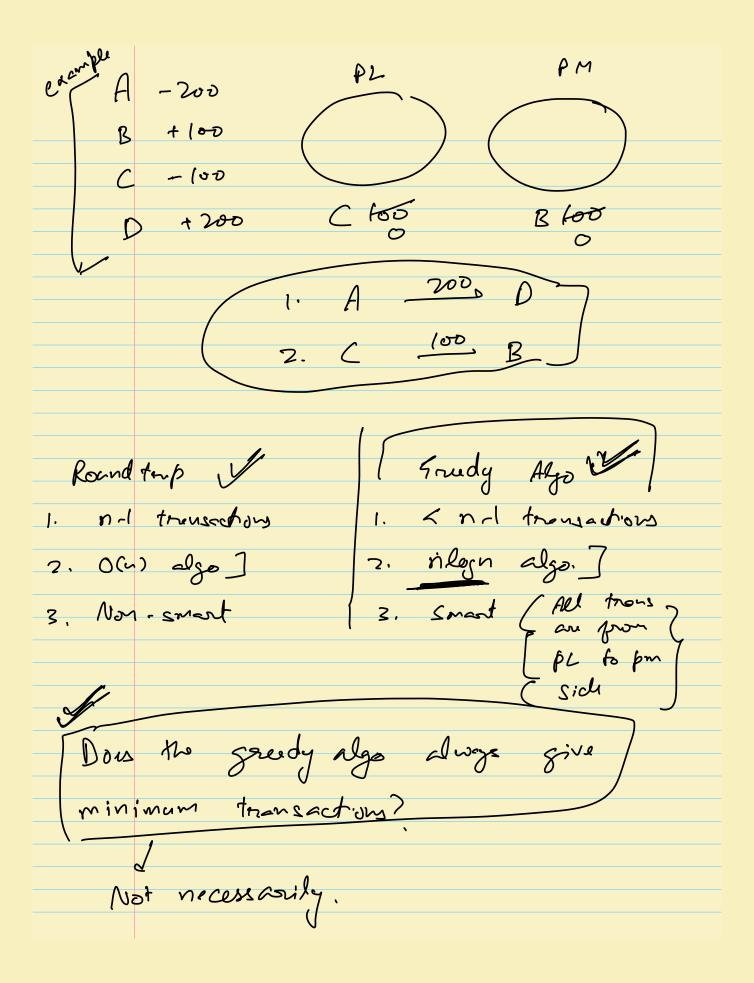
d

AB — (CD)

Break = 10:24 to 10:34

| (| J | A -+ 500 | \mathcal{L} | |
|---|----------|-----------|---------------|------------|
| | √ | B 200 | Paid Less | Pard Hon |
| | | C - +600] | 1.7 | A 100 |
| 1 | | 7000 | B 100 | |
| | ✓ | D -> -400 | | |
| | | € 300 | | |
| | | | B 600 | A loo |
| | / | F - 500 | 5 10 0 | H 100 |
| | / | 4 - +400 | | |
| | ✓ | 4 - 400 | 1. F - | 500, C |
| | | | _ | |
| | | J - + 300 | 2. He | |
| | | | 3. D 4 | 00 4 100 A |
| | | | y, g 3 | 6, B-100 A |
| | | | s. B 1 | 60° C |





The algorithm that generantees minimum transaction is NP hard [3" time complainty] Next class Command Dusign Patton Resignal API End to End Date Flow 3. TTT Discussion. И,