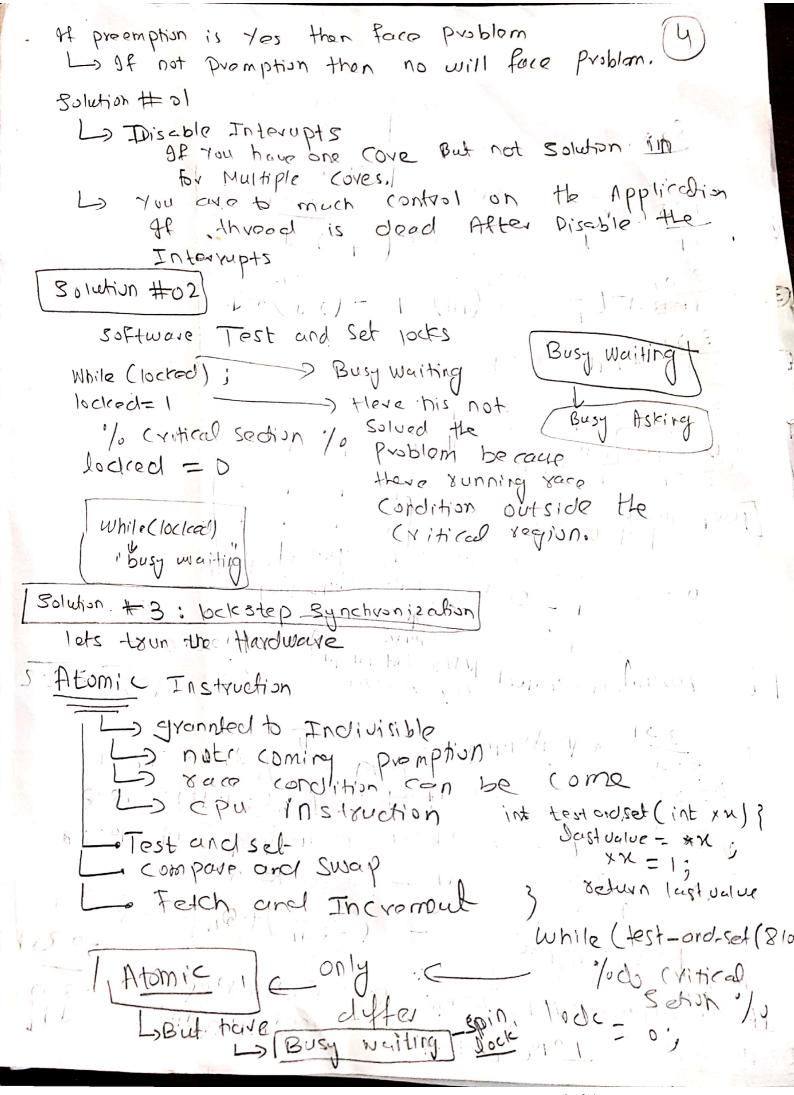
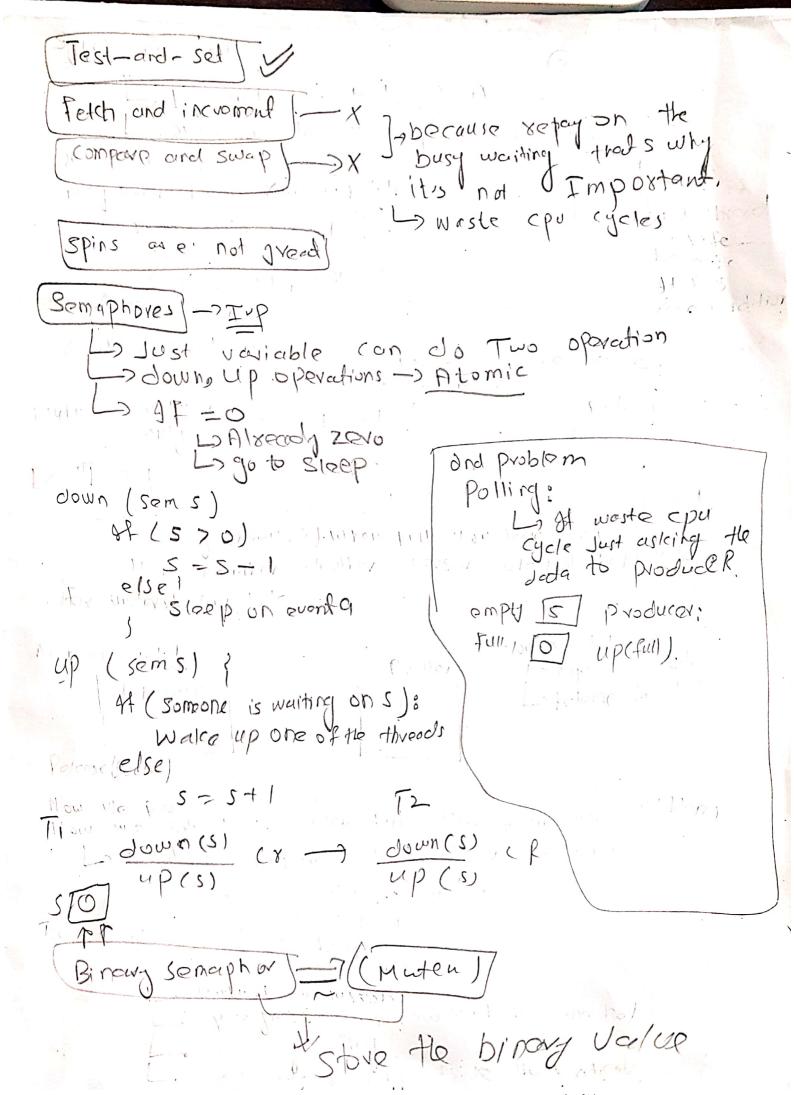


- 299 we sun the process sun interious then both will food the fish and flon fish will byother die Asic mom Fish hove bee feel Ask Mom Fish hove been Feed of no I not : La get food Loger food -) food b food Lo Reed fish L) Tell Mom LiTell Mom -) If you you in pavoiled then Fish will Save Phely ik Bhai sava koom kary then Dusker stant 10 and. LB vother TOUT of light is sed: If light is red; La Reed Fish teed Fish - forovm light green form light grown Bhai 100 (happaix Morni Hai Rare Condition Lowerk when specific sequence of events. [KOMPROS] Locurrent Bank Balance = \$1,000 -> Withdraw \$500 from ATM While \$5000 direct deposit is coming In - Read Account Balance Deposit withel rowal D L. Road Account Balance - D'Add 5000 Balance Lo subtrad 1500 -> write Account Balance. only Deposit = 1000 only with avoural = 500 [] SIONISIF opto of the edge

| Synchroniz ation 3 |
|--|
| Lo Lo get enpoded Result |
| Ly ovar como to un-enpected Results |
| N = N+1 May have house reco condition - This is |
| moy have have race condition mov ear, (esi) |
| incean, because |
| mor [esi], on |
| Mutucel Execusion Kace Condition |
| (ritical Section Lowner race Condition (an be vise. |
| Mutual Enclusion Lyonly one throad enter/in Cxitical section |
| L) When you ender in critical soction than you nood to key (pood lock) when till you have key of lake then neither another parson of not enter there |
| to understorchies lode |
| Acquire(figh locie) Acquire(figh locie) Brother Ls require the lock Plancase (Docle) Release (Docle) |
| Now we solved the problem but whin have more problems |
| Lo what is acquire tock / Release tock?? |
| Ly is it furction |
| The critical Section problem |
| Lo Condition fox solution: |
| La Mutual exclusion La Mutual exclusion La Mutual exclusion La Mutual exclusion |
| E Bounding waiting outside the Critical Section. |
| |





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