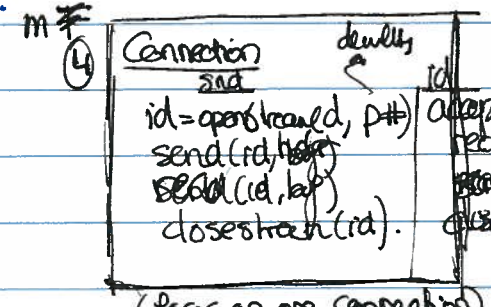
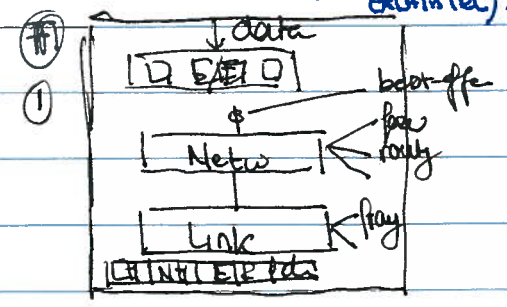


which is why top want state
 (P, Q, #) must be unique (not output in net).

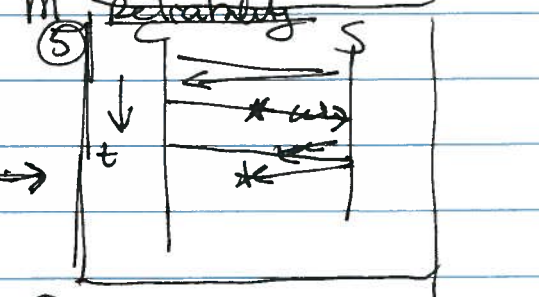
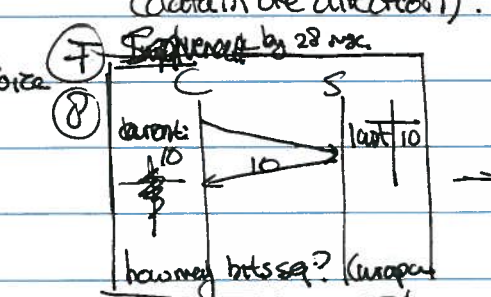
the lecture should end with how to ensure that once we are unique

Board plan (3/11/03)

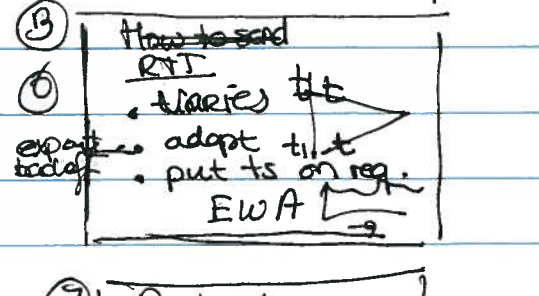
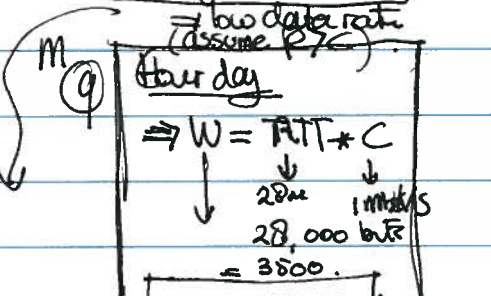
- Two observations
- 1) Is the 2-general problem relevant to apply practical result. (fully process)
 - 2) FLP is the relevant result. (fully process)
 - 3) the first part seems unnecessary!
 - 4) top is complicated because it is bidirectional!



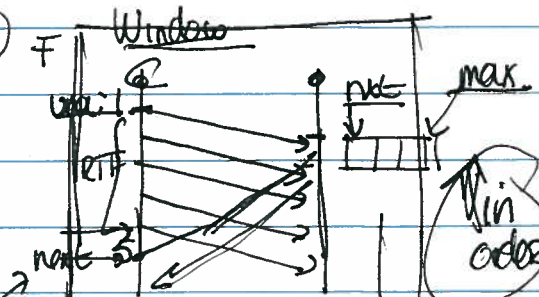
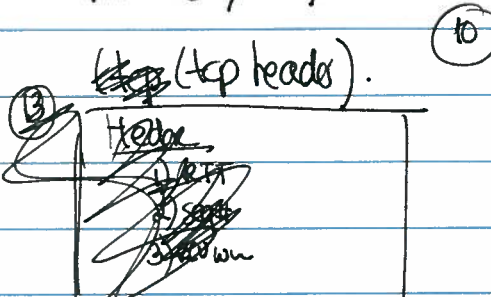
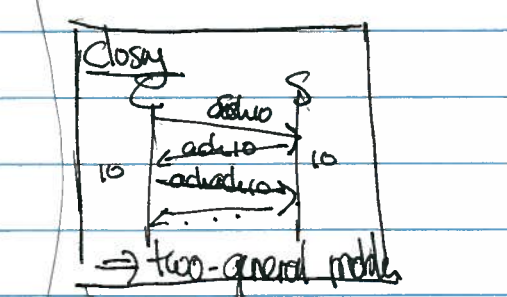
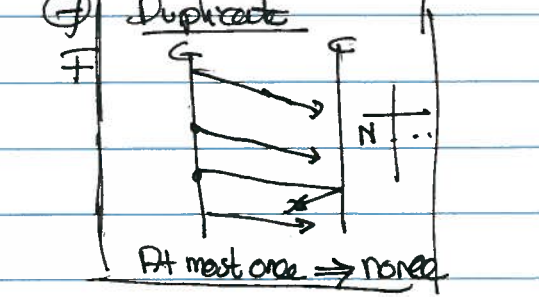
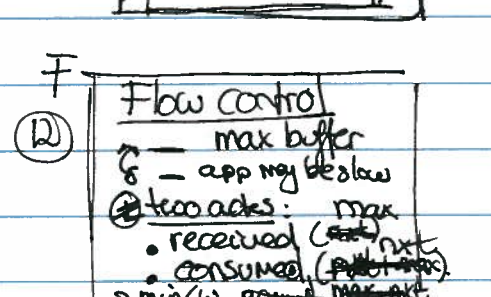
- ② Apps goals
- 1) Streams of data.
 - 2) Reliable delay
 - 3) Duplicate suppress con. (most one).
 - 4) In order
 - 5) Efficiency (speed)



(Phone system impl. this in network, but for app). We want to support multiple app.
 simple top (deadly) simple top
 6) confidentiality authentication



Problem	Solut
lost	timer.
duplicate	nonce
delay	buffer
fragments	
order	



(bound delay).
 forget to make case of

- ⑪ Acknowledges
- 1) selective
 - 2) cumulative
- add state