a) How many users successfully sent their peckages without colliding? User 1 and user 5 " Slat 3 and slat 5 b) SEC User 1 -> User 5 -> User 3 -> User 2 C) Average throughput $\left(1-\frac{1}{4}\right)^{4-1}+\left(1-\frac{1}{16}\right)^{16-1}$ e) Angus = 60+50+30 - 46,6 [ms] Problem 3 a) Node o > Node 6 60+30+60+20+0+160+80=410[ms] 300=6,43 Minimum: 6 With Round Robin Efficiency (time waste) 6)

Time limit of 50 ms:

Increased: Node 0,2,5 Decreased: Node 1,3,6,7

Unchanged: Node 4

4)

Node 0 -) Node 6 is finished RI: 50+30+50+20+0+50+50+50

82: 10 + 0 + 10 + 0 + 0 + 50 + 50 = 400 [ms]

Boams before token comes back

· Does the same apply for Round Robin and not? NO due to the time limit of the modes

· If you fx. give the taken to nock 5 the aug is different, SO YES