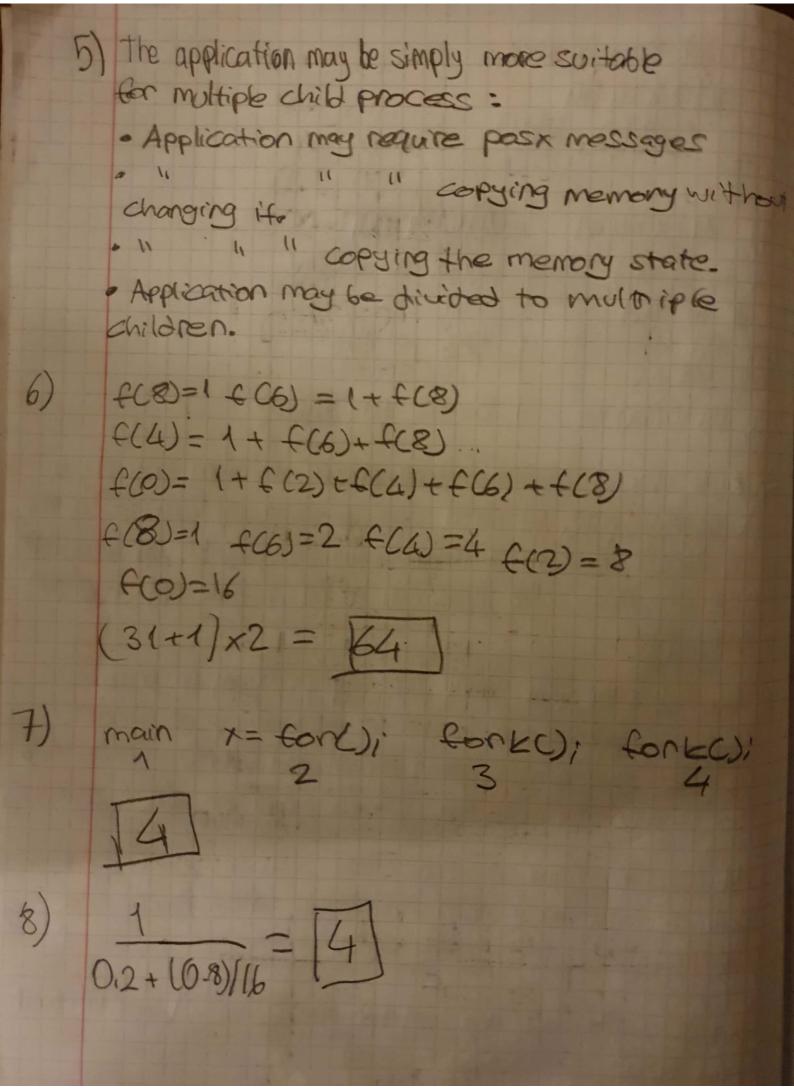
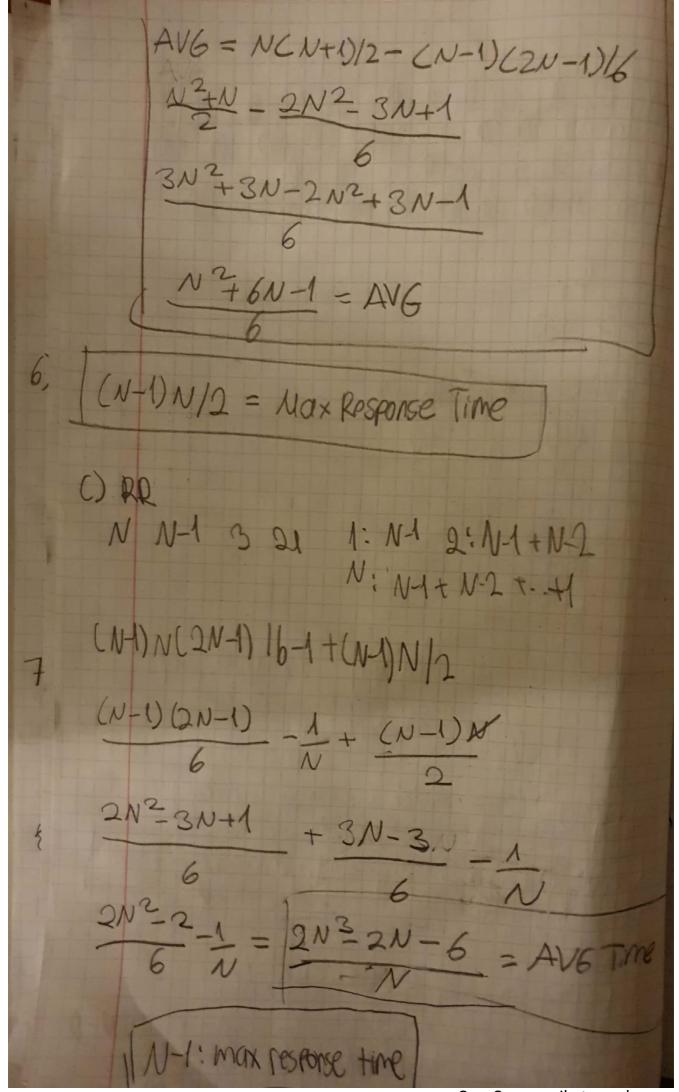
Mehmet Borg Kurucu 21703404 C5342 HW2 1) Monolitchic Mikro Kernel Harder to extend Easier to extend 11 11 port Equision to part Less reliable More reliable More secure Horse Perto monce Better performance Monolitic Kernel is smale large process running entirely a single adness spale. All kernel services exist and execute in the Hernel odross space. In micro kanels, the Kertel is broken down into separate processes. Some tasks hun in leanel space and some run in user space. 2) Boothock is the space where bootstrop program is located. Bootstrap program is loaded at power up or reboot) it loads operating system dernet and starts execution, so it runs and make the system ready for running applications, 1) It was the number associated with the each system call as index to system call table which keeps the al messes of the system could, 4) It is easy to find and rum the process with fact virtual . run time: Selection: OCI) Easy to insert a new process: (resertion OctogN) CamScanner ile tarandı



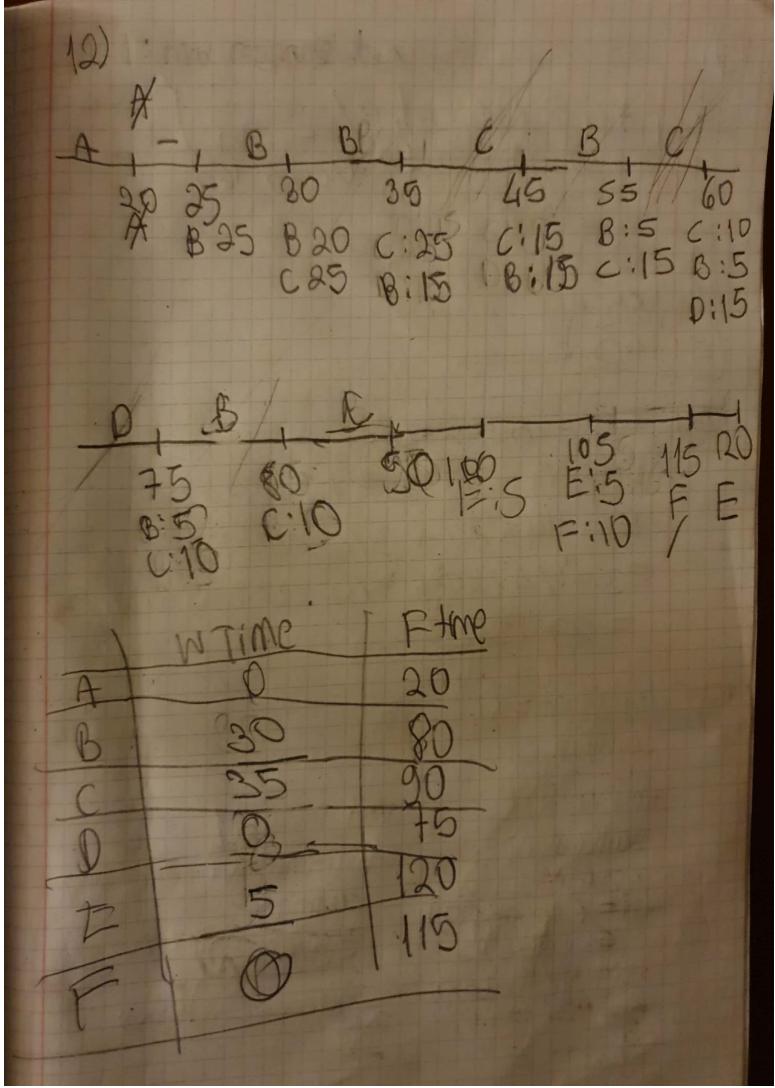
9) P! X 3 XX 7Ł X	100 200 V	5000; 7000 1000; 500 1000; 500 5000; 7000 1000; 500 1000; 7000	
	93	HILL HALL HALL	
a) FCFS:	Waiting Time.	Finish Time	
A	0	60	
8.	115-15-55=45	60+75=115	
C	190-100 = 30	115+75=190	
D	220-75=145	190+30=220	
E	260-95=165	1 220+40=260	
A	B C D 5 50 145	1 F 1 - 165	
	3	20 260	

6) SJF:		
A	I DIE	BICI
		0 185 266
SJF	Waiting Time	Finish Time
A	0	60
8	185-15-55=115	185
C	260-100=160	260
D	90-75=15	90
E	130-95-35	130
C) SRJF	A 45 C:	35
	10 gg 12	
SPJF	Waiting Time	Finesh Time
AR	115	60
2	160	960
B	35	130

A, A, B, A, C, B, A, D, C, E, B, A, A, D, C, E, B, A, A, D, C, E, B, A, D, C, E, B, A, D, C, E, B, C, E, B, C, E, B, A, D, C, E, B, C, E, E, B, E, C, E, E, B, E, C, E, E, B, E,
SIRR Whiting Time Finish Time A 140 170 B 165 235 C 160 260 D 105 180
$\frac{1}{100} = \frac{135}{1000} = \frac{135}{$
N+(N-1)++3+2 = MAX response + time b) SJF $1+2+2+3+2++CN-D$ $= (N-1)+(2N-2-2)+(3N-3-3++W-1)$ $= NN(N+1)/2-(N-1)N(2N-1)/6$

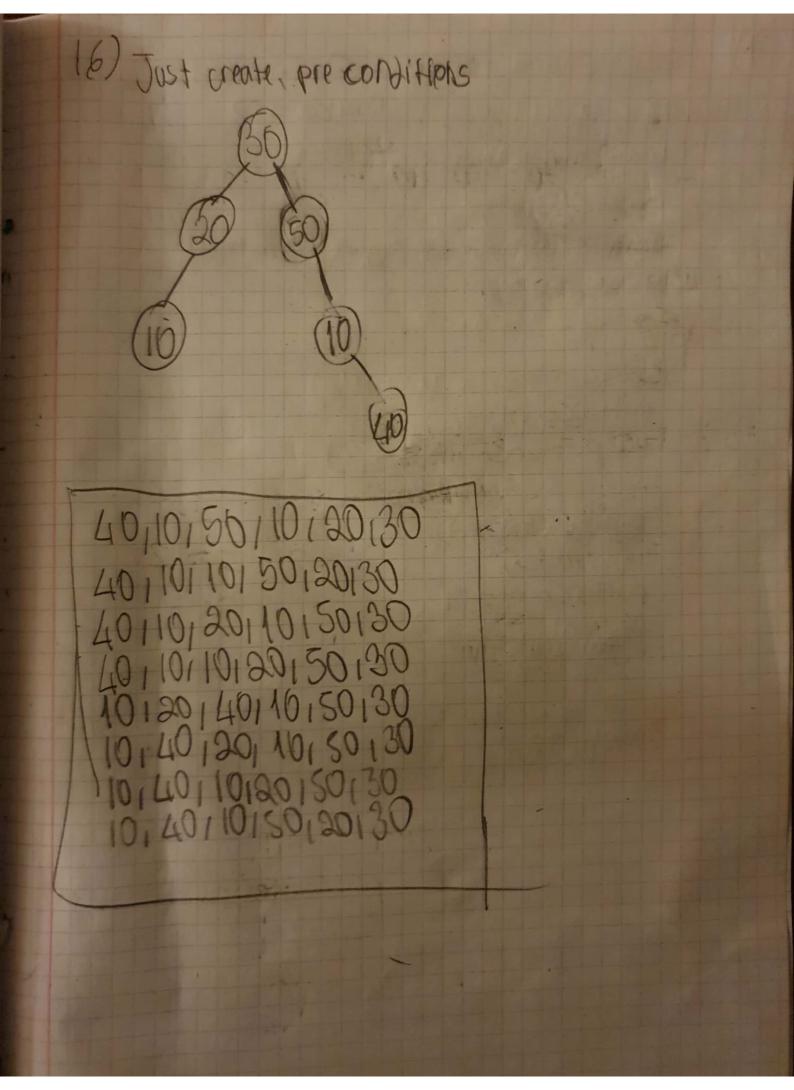


CamScanner ile tarandı



CamScanner ile tarandı

C A B C A B C B 1
20 40 70 90 110 BOUD 160 A:180 B1 160 C:140 14) EQ = 20, TO = 30 E1=30/4+3/0 ×20=7.5 +15=225 E2= 114 x 20 + 3/4 x 22.5 = 21.875 =3=1/4×40+3/4×21.875=26.40625 = 26.40625 int count = xi condition ci Void waite) { Void Signal () of icait(mutex)i wait(mutex)i count--; count++i if (COUNT (O) C. wait ()i Signal (C); signal (mutex); signal (mutex);



semaphore ag = 1 semaphore makec 30 = 203 maker () 1 do d wait (make [index])i signal (ag); makeCigaretteC)i Swhile (TRUE); giver() d index = choose A Smoker (); signal (make[index])i TWHIE (TRUE)