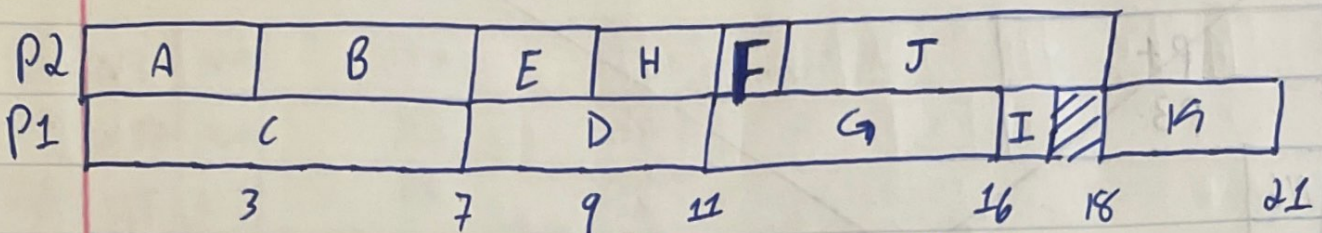
Parallel Programming Scheduling

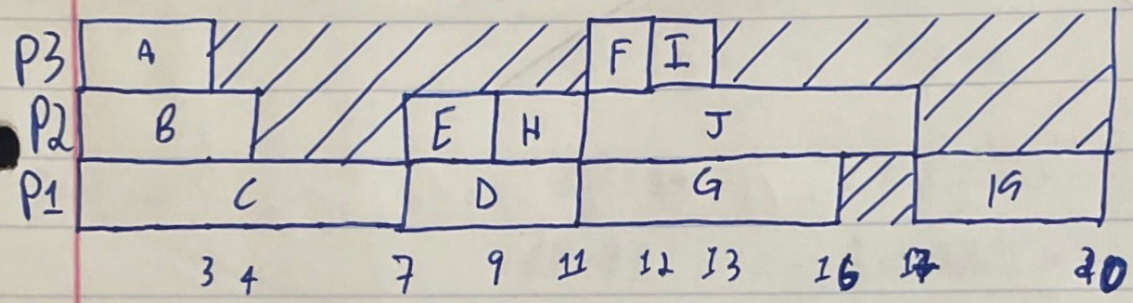
1 P=2 $\frac{38}{2} = 19$ $\frac{38-20}{2} + 20 = 29$

CP=20 $20 \le C_{max} \le 29$



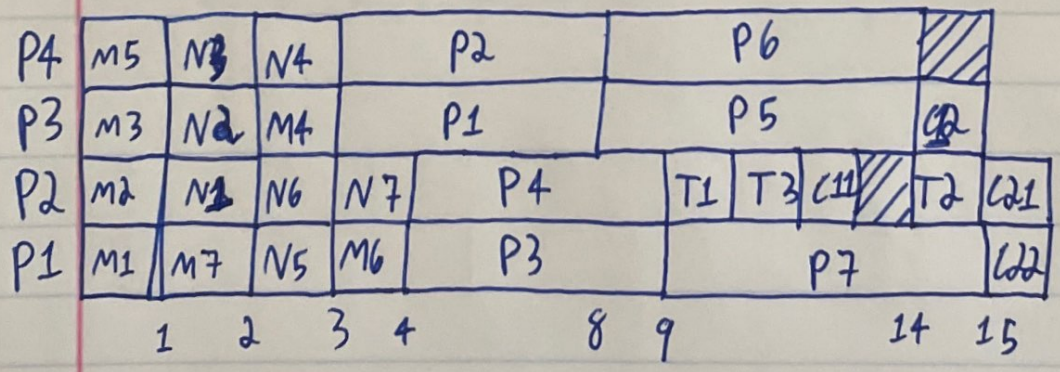
P=3 $\frac{38}{3} = 13$ $\frac{38-20}{3} + 20 = 26$

CP=20 $20 \le C_{max} \le 26$



2 P=4 $\frac{56}{4} = 14$ $\frac{56-10}{4} + 10 = 22$

CP=10 $10 \le C_{max} \le 22$



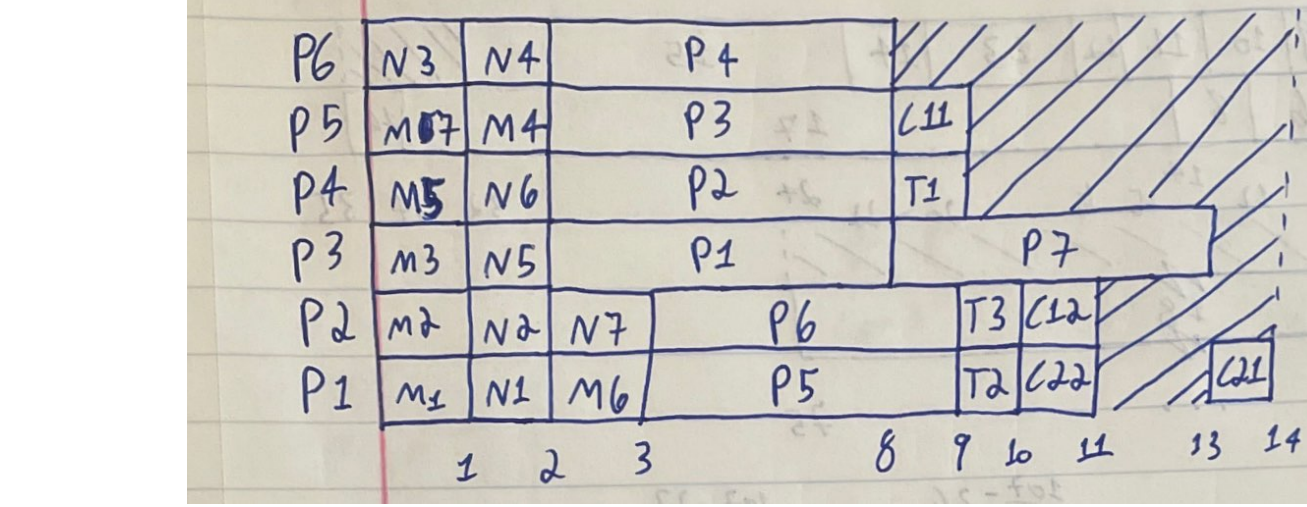
2 P=6

$\frac{56}{6} = 10$

CP=10

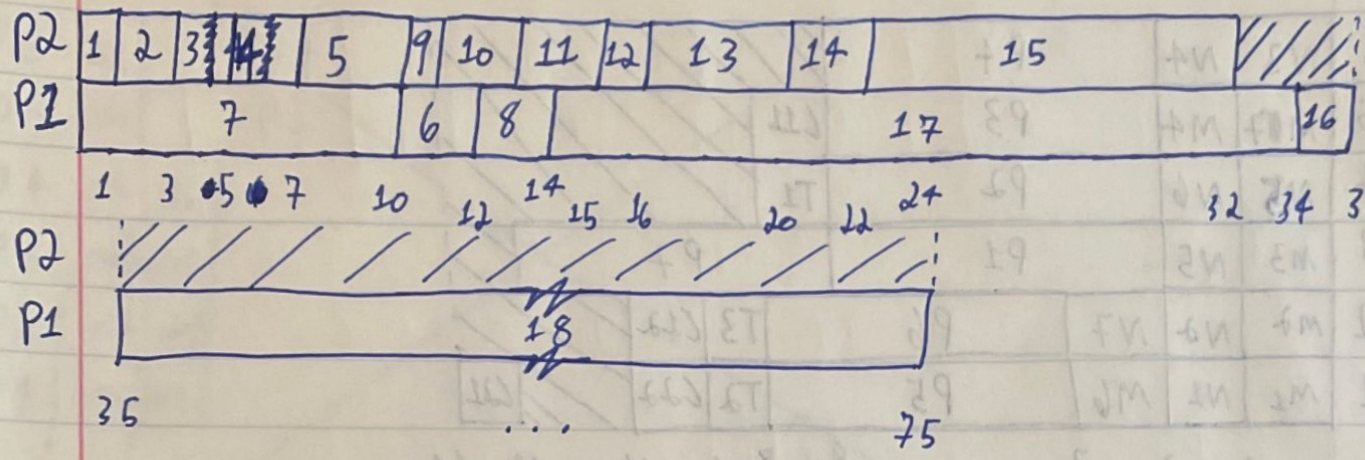
$\frac{56-10}{6} + 10 = 18$

$10 \leq C_{max} \leq 18$



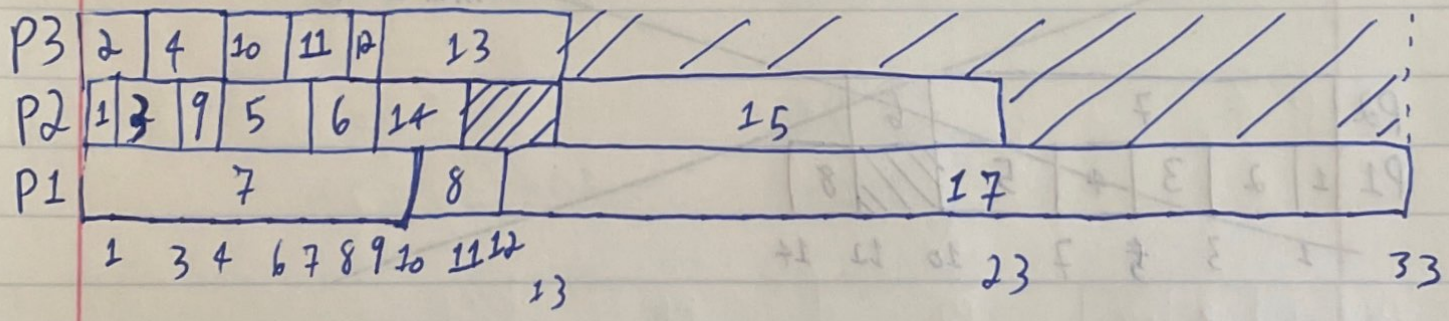
3 P=2 $\frac{107}{2}=54$ $\frac{107+73}{2}+73=90$

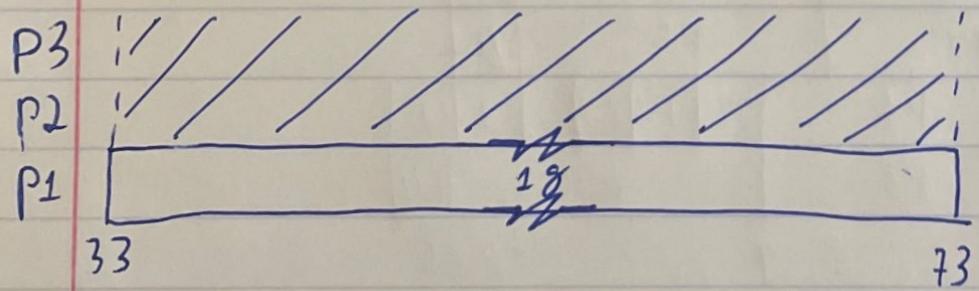
CP=73 $73 \le C_{max} \le 90$



P=3 $\frac{107}{3}=36$ $\frac{107-73}{3}+73=85$

CP=73 $73 \le C_{max} \le 85$





4 P=3 $\frac{9}{3}=3$ $\frac{9-3}{3}+3=6$

$C_p=3$ $3 \le C_{max} \le 6$

P3	B	D	F
P2	A	C	E
P1	G		

1 2 3

P=4 $\frac{9}{4}=3$ $\frac{9-3}{4}+3=6$

$C_p=3$ $3 \le C_{max} \le 6$

P4	C	F
P3	B	E
P2	A	D
P1	G	

1 2 3

5 P=3 $33/3=11$ $\frac{33-6}{3}+6=15$

$C_p=6$ $11 \le C_{max} \le 15$

P3	E	D	
P2	F	C	
P1	G	B	A

5 6 10 13

P=4 $33/4=9$ $\frac{33-6}{4}+6=13$

$C_p=6$ $9 \le C_{max} \le 13$

P4	D	C
P3	E	AB
P2	F	A
P1	G	

5 6 9