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Using the efficient optimal algorithm as follows:

Schedule -

a) if $min\{a_1 \cdots a_n, s_1 \cdots s_n\}$ is a_i:
   => i should be first job

b) if $min\{a_1 \cdots a_n, s_1 \cdots s_n\}$ is s_j
   => j should be last job

Date: / /

Problem

	1	2	3	4	5
a	10	8	4	3	9
b	6	2	1	5	7

Min $(a_1 \cdots a_5, s_1 \cdots s_5) = 1$ (b_3)

⇒ 3 is last job

Schedule : $(-, -, -, -, 3)$

	1	2	3	4	5
a	10	8	-	3	9
b	6	2	-	5	7

Min $(a_1 \cdots a_5, s_1 \cdots s_5) = 2$ (b_2)

⇒ 2 is at end

$(-, -, -, 2, 3)$

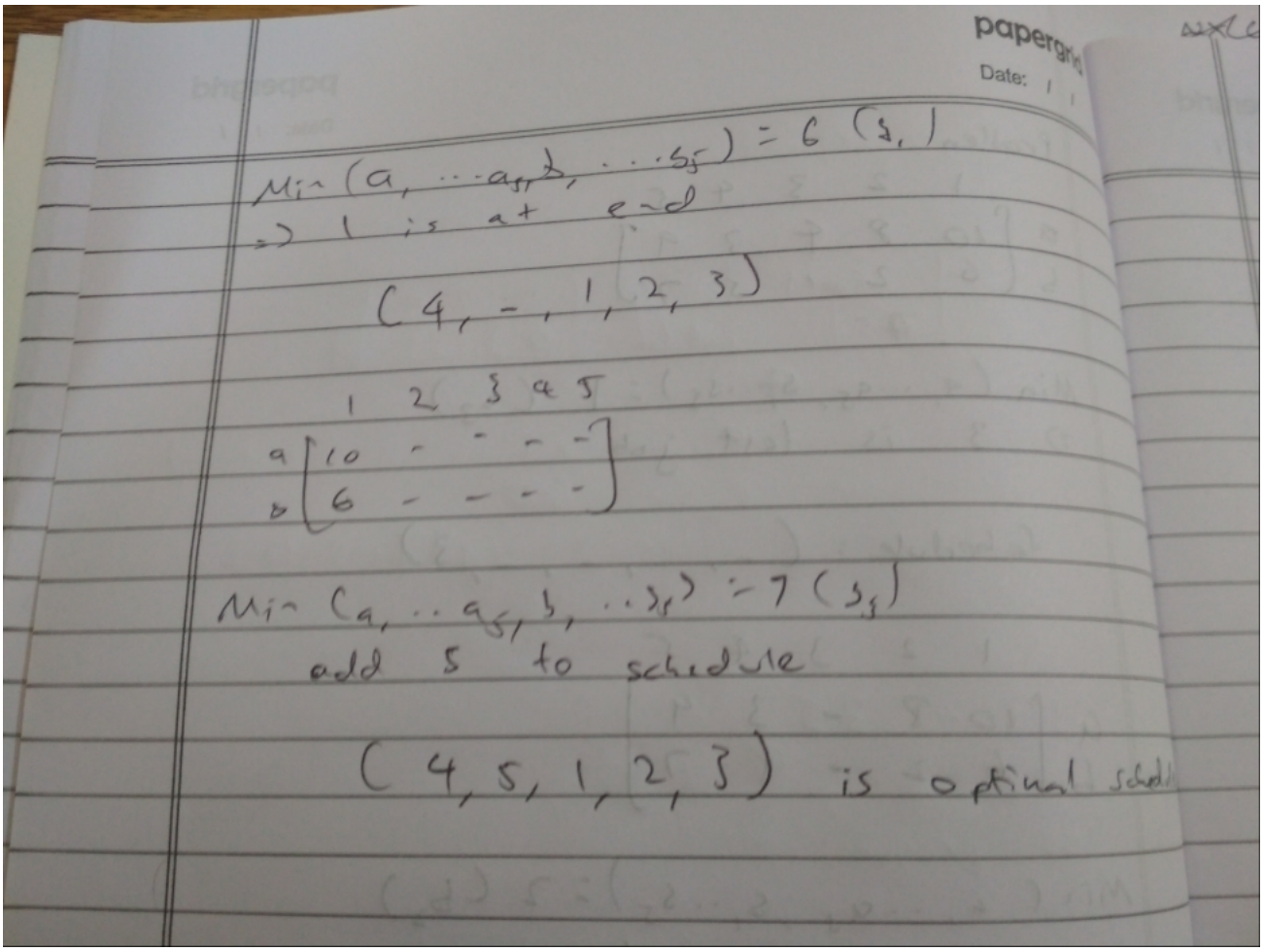
	1	2	3	4	5
a	10	-	-	3	9
b	6	-	-	5	7

Min $(a_1 \cdots a_5, b_1 \cdots b_5) = 3$ (a_4)

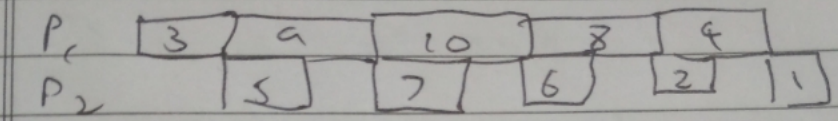
⇒ 4 at start

$(4, -, -, 2, 3)$

	1	2	3	4	5
a	10	-	-	-	7
b	6	-	-	-	7


Min (a1 .. a5, b1 .. b5) = 6 (b1)
=> 1 is at end
(4, -, 1, 2, 3)
1 2 3 4 5
a [10 - - - -]
b [6 - - - -]
Min (a1 .. a5, b1 .. b5) = 7 (b5)
add 5 to schedule
(4, 5, 1, 2, 3) is optimal

Job progression



Time on P_1 = 3 + 9 + 10 + 8 + 4 = 34

" " P_2 = 3 + 5 + 9 + 7 + 8 + 6 + 2 + 2 + 2 + 1

= 55

OFT = 34