Queueing exercise

2024

- Consider the packet queues shown in Fig. 5-29
- What is the finish time and output order of the packets if the middle queue, instead of the bottom queue, has a weight of 2?
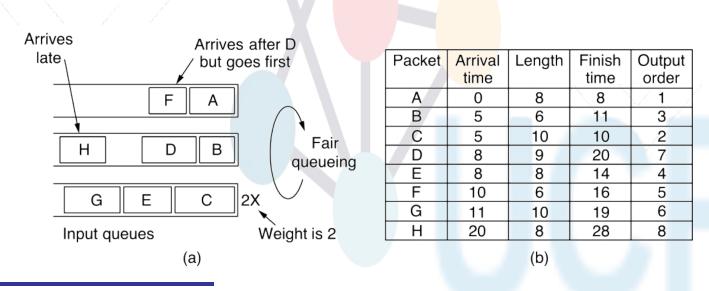- Order packets with the same finish time alphabetically

Packet	Arrival time	Length	Finish time	Output order
A	0	8	8	1
B	5	6	11	3
C	5	10	10	2
D	8	9	20	7
E	8	8	14	4
F	10	6	16	5
G	11	10	19	6
H	20	8	28	8

(a)   (b)

Figure 5-29. (a) Weighted Fair Queueing. (b) Finishing times for the packets.