

Number of Jobs : 14

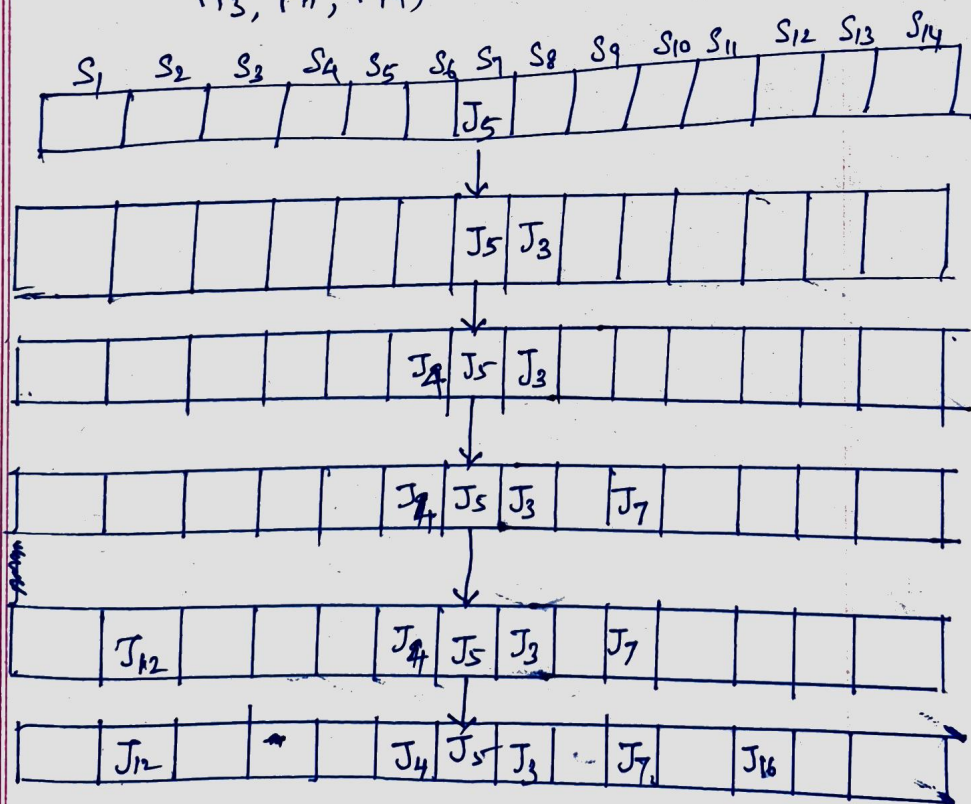
$(P_1, P_2, P_3, P_4, P_5, P_6, P_7, P_8, P_9, P_{10}, P_{11}, P_{12}, P_{13}, P_{14}) = (22, 19, 29, 28, 30, 21, 27, 25, 24, 26, 19, 27, 19, 11)$

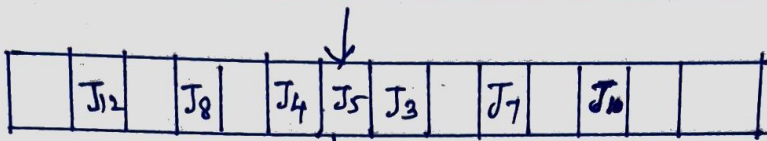
$(D_1, D_2, D_3, D_4, D_5, D_6, D_7, D_8, D_9, D_{10}, D_{11}, D_{12}, D_{13}, D_{14}) = (3, 3, 8, 6, 7, 5, 10, 4, 6, 12, 13, 14, 1)$

The Descending order of prof it :-

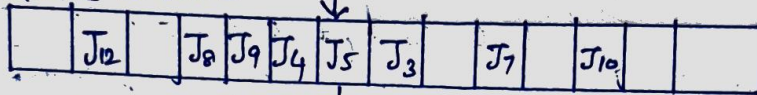
$(30, 29, 28, 27, 27, 26, 25, 24, 22, 21, 19, 19, 14, 11) =$

$(P_5, P_3, P_4, P_7, P_{12}, P_{10}, P_8, P_9, P_1, P_6, P_2, P_{13}, P_{11}, P_{14})$

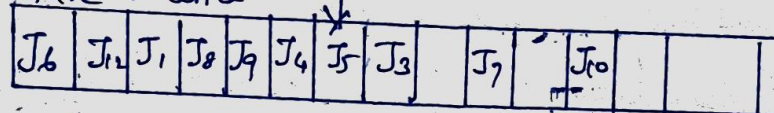




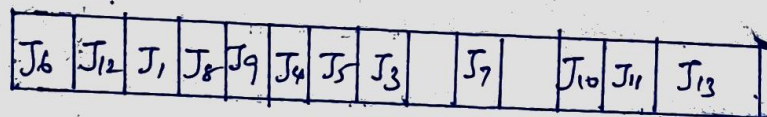
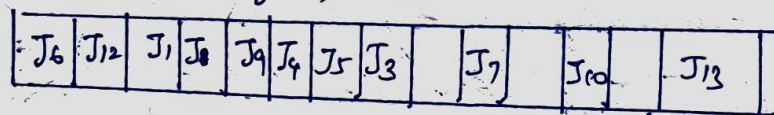
Have to write



Have to write

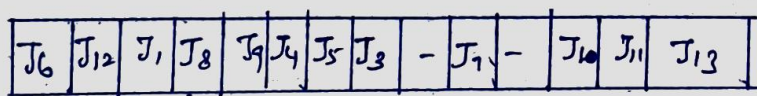


J₄ has deadline -3, which cant be included.



J₄ can be scheduled since slot -1 is filled.

find scheduling:



The profit obtained by this sequencing is

$$30 + 29 + 24 + 27 + 27 + 26 + 25 + 24 + 22 + 21 + 19 + 14 = 292$$