

DAY 3

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Que $\Rightarrow n = 5, K = 3$ min-cost = ?
[1, 3, 5, 7, 9]
By greedy algorithm

Sol. \Rightarrow Greedy algorithm pick up the best element.

Best element are [9, 7, 5, 3, 1]
Let 3 person A, B, C

$$A = (0+1) \times 9 + (1+1) \times 3 = 9 + 6 = 15$$

$$B = (0+1) \times 7 + (1+1) \times 2 = 7 + 4 = 11$$

$$C = (0+1) \times 5 + (1+1) \times 1 = 5 + 2 = \underline{7}$$

$$\text{Min-cost} = \underline{\underline{33}}$$