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Now, for greedy approach we are going to sort the job in decreasing order to get Max profit to the right.

Job ID	B	E	A	G	F	C	D
Deadline	2	3	5	4	5	1	1
Profit	40	35	35	30	30	25	20

- Greedy Approach:

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Now, we iterate over jobs in decreasing order of profit. And that for each job we do the following:

⇒ Find a time slot i that is empty which is less than the deadline and i is greatest.

⇒ Then we put the slot and mark the slot as filled

⇒ If no such i exist, then we ignore the job.

Plans eventually should look like
this:

1	2	3	4	5
F	B	E	G	A.
30	40	85	30	35

= 170

Was

due \rightarrow 5 [2] [3] [4] [5]
on

\therefore Hence following this greedy
approach we can say we end
up with optimal solution (max
profit).