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- Dynamic Programming
 - > Wrapping up: weighted interval schedule
 - Segmented Least Squares
 - Subset Sums

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Summary:

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Properties of Problems for DP

- Polynomial number of subproblems
- Solution to original problem can be easily computed from solutions to subproblems
- Natural ordering of subproblems, easy to compute recurrence

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Weighted Interval Scheduling: Finding a Solution Dynamic programming algorithms compute *optimal* value

 What if we want the *solution* itself (not simply the value)?

else

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 Do some post-processing
 M-Compute-Opt(n) Find-Solution(n)
 def Find-Solution(j): if j = 0: output nothing elif v_j + M[p(j)] > M[j-1]: print j Find-Solution(p(j))

Find-Solution(j-1)

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