## Recurrence

| 0 | 2 | 3 | 4 | 5 | 6 | 7 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $5-6$ | 3 | 6 | -5 | 2 | 8 | 10 |
| Not yet processed. | Current $i$ | Recursive call is best value in this area |  |  |  |  |

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Try to write a different recurrence for longest increasing subsequence.

