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In [4]: #Name: Mohith Dande
Steps for the pattern hunt :
Sequence given: 2, 6, 12, 20, ...

Step 1: Look at the differences
6 - 2 = 4
12 - 6 = 6
20 - 12 = 8
So the differences are: 4, 6, 8 ... (increasing by 2 each time).

Step 2: Continue the pattern
Next differences will be:
8 + 2 = 10
10 + 2 = 12

Step 3: Add these to the sequence
20 + 10 = 30
30 + 12 = 42

So, The next two terms are 30, 42.
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In [1]:
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