

2. Please find the algorithm(or model) to solve this?

$$1 + 2 + 3 + \dots + 100 = ?$$

How do we do this?

Sol/ $1 + 2 + 3 + \dots + 100$?

for $\frac{n(n+1)}{2}$ for $n = 100$

$\therefore \text{Ans } \frac{100(100+1)}{2} = 5050 \quad \#$