

$$\{10, 20, 30\} \Rightarrow \frac{n(n+1)}{2} = \frac{3 \times 4}{2} = \textcircled{6}$$

10  
10 20  
10 20 30  
20  
20 30  
30

subarrays of an array:

int() arr: {10, 20, 30, 40, 50}

↓

10	20	30
10 20	20 30	30 40
10 20 30	20 30 40	30 40 50
10 20 30 40	20 30 40 50	
10 20 30 40 50		
	40	
	40 50	

chart plotting:

int[] arr: {3, 1, 0, 7, 5}

```

      *
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      * *
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      * *
      * *
      * *
  
```