Carry forward & Subarrays

(Introduction to Problem Solving I)

Q1. Find all the subarrays ⊞ ⊘ Solved 🔖

💡 Using hints except Complete Solution is Penalty free now   **Use Hint**

Given A = [1, -2, 5, 2, -1, 6]. Choose all the valid subarrays of the array

Choose the correct answer from below, **please note that this question may have multiple correct answers**

☑ [5, 2, -1]   ☐ [-2, -1, 6]   ☑ [1, -2, 5, 2]   ☑ [6]

Q3. Total Number of Subarrays ⊞ ⊘ Solved 🔖

💡 Using hints except Complete Solution is Penalty free now   **Use Hint**

Given an array of size 21, find the total number of subarrays of the array.

⟹ Total no. of Subarrays = $\frac{N(N+1)}{2}$, where $N = A.length$

$$= \frac{21 \times 22}{2} = 21 \times 11 = 231$$