

## Day 43/180 Introduction to 2D array in c++

- ✓ 1: Print sum of each column in 2D array.
- ✓ 2: Given 2 matrices A and B, Print A-B.
- ✓ 3: Given a matrix of size  $n \times n$ , Print sum of diagonal element.

Ex: 1 2 3  
4 5 6  
7 8 9

✓ Its answer:  ~~$1+5+9, 3+5+7$~~ , So the total sum will be  $1+5+9+3+5+7 = 30$ . Here we can see that 5 is included 2 times, so we should ~~include it only 1 time~~ so the final answer will be,  $30-5 = 25$ . So ~~the~~ final answer will be 25.

4: What is the column major order?

✓ 5: Largest Element: Find and print the largest element in the 2D array.

✓ 6: Smallest Element: Find and print the smallest element in the 2D arrays.