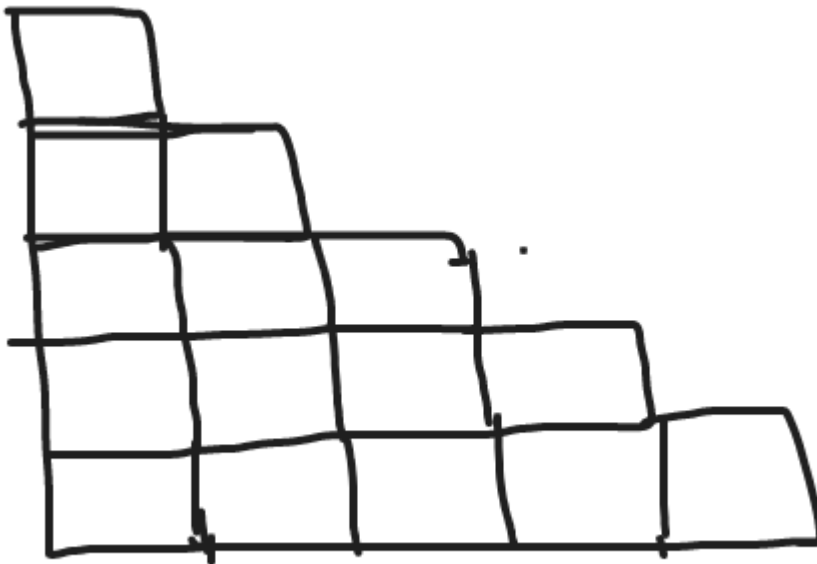1. Write down the Swap function implemented in last class without using any extra variable(Hints : using summation of two variables)

2.Why Swap(int a, int b); function is not sufficient to swap the parameters passed from main function? Show necessary code and output and explanation in a text file.

3. In Question 2- what can be done about the swap function? (Using pointer)

4. Let a pointer be int *a. make it an array of size n(which will be given through input) using dynamic memory allocation(using new)

5. Let a pointer be int **a. Make it a grid, having 5 rows of the following structure.

6. what can be done if privately declared variables are needed to be accessed or changed for some reason?(Hint : private method?)

7. Define a **Car** class. Each car has some attributes like price, colour, id, brand. Make each attribute private. Make a car using a constructor class. Suppose a **Car Factory** is another class which uses the object made by the Car class. It has 2 car variables as attributes. One of which is trending and the other one is not. Make them private car variables. Also set the options for changing one trending car to a normal car and vice versa.

8. Nowadays, Babar Azam is scoring more runs than Virat kohli. Can you make a comparison between them to say which one is better? You need to build a **Player** class which will have private variables named total_run, total_match, total_balls_faced by them. you will take those data from console input. Using operator overloading make a comparison

between them. In shorts you have to find the output of **(player1 > player2)** using operator overloading for **>.**

Priority list for them :

        (i) If one of them scores more runs than the other then the more run scorer is the better one.

        (ii) if the first comparison gives you a tie, then you have to check who has the better average.

        (iii) If the first two criteria give you a tie then make a tie breaker depending on the strike rate.

        assume Strike_rate = (total_run / total_balls) * 100;
            average = (total_runs / total_innings)

9. Using getline take a string input having more than one space. And print "Sachin vaiyar Class kore moja peyechi".

10. Give time to yourself. Keep faith in yourself. If I could come this far you can do this too. Love programming and that's all.