**PRACTICE QUESTIONS:**

Q1: Take an integer array of size 10, input its elements from user and reverse it

Q2. Input an integer from user and check if it is equal to its reverse

Q3. Take five integer numbers from user in a loop, pass each number in a function that computes factorial of each number, write all the calculated factorials in APPEND mode in a file named output.txt

Q4. Given an array {1,8,7,4,2,10} ,find which pair of elements in array has sum closest to the average of the elements of array

Q5. Find the minimum and maximum numbers in a float array

Q6. Take a number from user and break it into its corresponding digits. Check if any digit in this number is equal to 2.

Q7. Write a Boolean function that tells if a number is prime or not

Q8. A school takes $800 fees from each student. If a student takes less than 10 courses than additional charges of $10 are taken, if courses taken are between 10 to 20 then $20 and if courses taken are above 20 then it will cost $30. Find the monthly fees of each student by taking his number of courses. You need to write it in form of a function named CalculateFees(int courses) that takes in the number of courses as parameters.

Q9. Write a C++ program to find the largest three elements in an array

Q10. Write a C++ program to find all elements in array of integers which have at-least two greater elements

Q11. Write a C++ program to update every array element by multiplication of next and previous values of a given array of integers.

Q12. Write a C++ program to rearrange a given sorted array of positive integers.    
Note: In final array, first element should be maximum value, second minimum value, third second maximum value , fourth second minimum value, fifth third maximum and so on.

Q13. Write a c++ function that calculates minimum of three numbers.

Q14. Write a function Input() that takes 3 float numbers from user, pass them by reference to function named compute(float &a, float &b, float &c) that calculates the average of a and b and place them equal to c. Finally write a function Output that prints all the values

Q15. Write a program (function) in C++ to find the Greatest Common Divisor (GCD) and LCM (least common factor) of two numbers.

GOOD LUCK ☺