1. Write a program that asks for n numbers from users and find maximum and minimum of them.
2. Write a program to read n random numbers from keyboard. Add even numbers and odd numbers separately and display the result.
3. Write a program to delete an element at desired position from an array.
4. WAP a program to check whether a number entered by user is palindrome or not.
5. Write a program to find whether given number is Armstrong number or not. Hint: [371 is Armstrong number because $371=3^3+7^3+1^3=371$]
6. Write a program to multiply two matrices of size m* n and p*q. Display the resultant matrix in matrix form.
7. Write a program to find transpose of 3 x 3 matrix.
8. Write a program to find the factorial of a number using recursive function.
9. Write a program to compute the following series (Euler's number series)
   1+ 1/1! + 1/2! + 1/3! +……+ 1/n! using a function. Read n from user
10. Write a C program that reads the elements of a given 2D array of n x n order and pass that entire array in the function transposearray to find the transpose of the array.
11. 25 numbers are entered into an array as input; write a program to find out how many of them are even and how many of them are odd. You should write separate functions to read input for array and find number of even and odd.
12. Write a program for 2-D array. Create separate function for reading values in the array and compute following expression. 5*A + 2*B.
13. Program to search an item in any array using user-defined function.
14. Write a structure of students to store name, address, age and salary. Create a structure array to store records of 'n' students. Structure array must be dynamically created. Now find the average of the salary and display it.
15. Write a program to test the power() function that returns 'x' raise to the power 'n', where 'n' can be any integer(positive or negative).
    double power(double x, int n)
16. Given three variables x, y and z, write a function to circularly shift their values. For example, if x = 5, y = 9 and z = 8, after circular shift x = 8, y = 5 and z = 9. The values must be passed by reference from the calling function to the called function.

    void circularshift(int *, int *, int *);

17. Write a program to read records of 100 students and display the records of KU students only.

Name	Age	University	DOB (Date of Birth)		
			dd	mm	yy

Remember to make DOB an inner structure.