Q1. Write a program in c to display maximum of two numbers without if statement.

Q2. Write a program in c to display maximum of three numbers using 2 simple if (one condition) statement.

Q3. Write a program in c to display first 10 Fibonacci numbers.

Q4. Write a program in c to check a number is ARMSTRONG number or not.

Q5. Write a program in c to check a number is twisted prime or not.

Q6. Write a program in c to display PASCAL triangle.

Q7. Write a program in c to display how many digits of a number without loop and if statement.

Q8. Write a program in c to reverse an array.

Q9. Write a program in c to implement sliding window. Ex. (1 2 3 4 5) will be ( 2 1 4 3 5).

Q10. Write a program in c to find the enter number can be generated by adding some number of a array of numbers. Ex (1 2 3 4 5) 8 can be 1+3+4, 1 cannot be possible.

Q11. Write a program in c to merge two arrays of characters.

Q12. Write a program in c string in present in another string or not.

Q13. Write a program in c to display the frequency of vowels of a string.

Q14. Write a program in c to display unique characters from a string. (Remove duplicate).

Q15. Write a program in c to swap two number using call by address.

Q16. Write a program in c to return maximum and minimum out of three numbers from one function.

Q17. Write a program in c to return maximum when the function called first time and minimum when the function called second time.

Q18. Write a program in c to create a **date** structure within a student structure.

Q19. Write a program in c to sort the student structure (name, cgpa) according to cgpa.

Q20. Write a program in c to join the elements of two structures.

Q21. Write a program in c to display name of the student having cgpa > 9.8.

Q22. Write a program in c to display details of student structure by passing to a function.

Q23. Write a program in c to display cgpa of a particular student (by name) by sending structure and name to a function.

Q24. Write a program in c to display name and cgpa where the name contains “KUMAR” by passing structure to a function.

Q25. Write a program in c to display name and cgpa where the name contains only one vowel “E”.

Q26. Write a menu driven program to add a data, remove data, and modify data from a structure (name, cgpa).

Q27. Write a program in c to add money to the account (account no, name, balance), or withdraw money from the account through a menu driven program.

Q28. Write a program in c to display cgpa from the structure (name, cgpa), and the name can be determine from the structure (name, roll), the roll number is searching key.

Q29. Write a program in c to display common information of two same type of structure.

Q30. Write a program in c to display rank particular of student from the structure (roll, name, m1,m2,m3, grade, rank).