Modale I

1. WAP to evaluate the expression b=4ac.

2. Ign to calculate Area & perimeter of a rectangle.

3. Pgm to print the size of various data types in C.

4. Pgm to prent the sum & average of 3 values.

5. The Pgm to find largest & smallest of 3 Numbers.

6. Weste a program to read 2 integer values m & n and to decide & print whether m 18 a multiple of n.

7. The cost of one type of mobile service is Rs. 250 + 1.25 For each call made over & about 100 calls. List fam to read customer codes and calls made & print the bill.

5. July Pgm to compute the values of square noots end

squares of the nois o to 100.

6. Agn to determine à ginen integer 13 odd or even.

7. Pan to read a no. & print the sum of its digits.

8. Pgm evaluates the square eoot for 5 no.s. The variable count keeps the count of the no-s read. When count is less than or equal to 5, gots read; directs the ctil to the label read; otherwise the pgm paints a mig &

9. Pam to find the no. of & sum of all integers greater than 100 and less than 200 that are divisible by 7.

10. Pgm to compute Experit grade coul of student.

11. Pgm to compute & display sum of all integers that are devisible by 6 but not divisible by 4 & he b/w 0 & 100. The pgm should also count & duplay the no- of such values.

12. Pgm to count compute or to the power n using while 13. A class of ustudents take an annual examination in m -subjects. A program to read the marks obtained by each Student in vacious subjects & to compute and print the total marks obtained by each of them. 14. Pgm to senese the digits of a number. 15. Pgm to compute & print factorial of a number. 16. Pgm to generale fibanocii serres 112358 1321---17 Pgm to calculate n Cr. 18. Pgm read the age of 100 persons & count the no- of persons in the age group 30 to 60. 19. WAP to calculate 1+1/11+1/21+1/31, --+1/n1 20. Pgm to calculate $Total = \sum_{i=1}^{5} 2c_i^2$ The values oc, oz --- are read from the terminal. 21. Igm to add 2 matrices. 2d- Pgm to find transpose of matrix 23. fgm to find diagonal elents of a mutiisc. 24. Pgm to find sum of dragonal elements. 25. Pgm to point upper triangular matrix.
26. Pgm to print even numbers in a matrix.
27. Pgm to print sum of diagonal elents 15 Armstronger not 28. Pgm to find median of unsorted array elemts.

I Pgm that will compute length of a given character string. 30. Pgm that will count the no- of occurences of a specified character in a given steing. 31. Pgm to count the vowels & consonemts in a string. 32. Pgm to calculate sum & differences of 2d materies. 33. Pgm to check the given no. 18 prime or not. 34 pgm to check the given or 15 palendrone or not. 35. Figm to check the given no is perfect or not. 37. Pgm to parent given perfect numbers b/w genen range 28. Pgm do cheek given string 13 palindrome or not. 29. Pgm to sort n' numbers in an array. 30. Pgm to insect con element into the sorted array. 31. Pajon de Insect an element into spenfied possition. 32. Pyn to search an element in an euray. 33. Pgm to delete an element from an away. 34. The names of employees of an organization are stored in 3 arrays, namely frame sname & Lname. WAP to concatenate the 3 parts into one string to be 35. S1, S2 & 83 are 3 string w variables. Write a pgm to read 2 string constants into 8, & Sz and compare whether they are equal or not. If they are not, to in them together. Then copy the contents of s, to the variables s3. The program should print the contents & length of 3 variables.

Pgm to 800t a lest of names in an alphabetral

37-WAP that will copy in consecutive characters from a steing s, beginning at position is into another steing s2.

38. Pgm to fånd factorial ef a number using recursion.

39. Pgm to find lægest & smallest of n numbers

40 Pgm to sost an everay of integers using function. 41 Pgm to swap values of 2 variables using function.

42. White a function prime that returns 1 if its argument 18 a prime number & returns zero otherwise.
43. White a pan to perform calculator functions rung function.

function.
44. Weste a function that can be called to find largest of an mxn mateix.

45. Pgm to find avg of each low. wring function. 46 White a pgm to compute sum of all elements in an array very pointers.

47. While a poin to determine the length of a character

18. Weste a function that secrenes sorted array of integers & ion integer value & inserts the value in

Its correct place.

49. Voising Igm to delete the character from the string & desplay the resulting string without any space aring fundaments.

50. Pym to severce the elements of allay using pointers.