List of C Programs:

1. WAP to add, subtract, multiply, divide 2 numbers.

2. WAP to calculate simple interest

3. WAP to find the area of triangle, rectangle and square

4. WAP to find the area and perimeter of a circle

5. WAP to find average of three numbers

6. WAP to calculate square of a number

7. WAP to calculate cube of a number

8. WAP to swap the values of two variables by using third variable

9. WAP to swap the values of two variables without using third variable

10. WAP to calculate area of a cylinder.

11. WAP to check whether entered number is positive or negative

12. WAP to print the larger and smaller of the two numbers

13. WAP to print whether the number is even or odd

14. WAP to compare greatest among three numbers

15. WAP to check leap year or not

16. WAP to calculate mark sheet of a student (marks in between 80 -- 100 then Grade A, marks in between 70-80 then Grade B, marks in between 60-70 then Grade C, less than 60 then Grade D)

17. WAP to check whether a candidate is eligible for voting

18. WAP to relate two numbers using =, > or < symbol

19) while programs from c in depth by srivastava

1) Print 1 to 10

2) Reverse number of 10 to 1 gap between 2

3) Sum of digits

4) Product of digits

5) Factorial

6) Binary and Decimal numbers

20) Do while programs from c in depth by srivastava

1) Print 1 to 10 numbers

2) Count the digits in any number

3) Sums of digits of number

21) For loop programs from c in depth by srivastava

1) Print 1 to 10 numbers

2) Reverse order difference of 2 number

3) Multiply positive number without using \* operator

4) Print number

5) Sum of digit any number

6) Fibonacci series

7) Sum of this series up to n terms

22) Arithmetic Calculations

23) Vowels and constant

24) Numbers of days in a month

25) Student record Example program 35

26) Prime or not example program 27

27) Sum and average of 10 positive numbers

28) Pyramids

a) \* b) 1 c)1 d)1 e)2 f)0

\* \* 2 2 1 2 2 3 3 4 0 1

\* \* \* 3 3 3 1 2 3 4 5 6 4 5 6 1 0 1

\* \* \* \* 4 4 4 4 1 2 3 4 7 8 9 10 5 6 7 8 0 1 0 1

\* \* \* \* \* 5 5 5 5 5 1 2 3 4 5 11 12 13 14 15 6 7 8 9 10 1 0 1 0 1

g) 5 h) 5

5 4 4 4

5 4 3 3 3 3

5 4 3 2 2 2 2 2

5 4 3 2 1 1 1 1 1 1

Programs of arrays

29) Array read and write from user

30) Reverse of array

31) Finding largest in array

32) Smallest number in array

33) Sum of array

34) Finding the particular value of array

35) Matrix read and write

36) Matrix transpose

37) Matrix addition

38) Subtract

39) Multiplication

Program of Function

40) Calculator

41) Write a program circle, perimeter, cylinder, and triangle

42) Write a solve a quadratic equation

43) Factorial of a number

44) Fibonacci series

45) Sum of digits of any number

46) Sum of square up-to n number

47) Write a program to check number is even or odd

48) Largest among three numbers

Program in String

49) String read & write

50) String read using gets & puts

51) Sting library function

1. Copy String
2. Length of String
3. Join String
4. Compare String

Pointer Programs

52) Print address of variable using address operator

53) Show Arithmetic pointer

54) Understand Pointer to Pointer

Storage classes

55) Automatic Storage Class

56) Static Storage class

57) External Storage class

57) Register Storage class

Searching

58) Linear searching

59) Binary Searching

Sorting

60) Bubble Sorting