**dear friends,  
  
i want the sample programs in all area in c++  
like as  
Numbers with Classess  
1. Write a program in C++ to sum of two integer numbers  
2. Write a program in C++ to sum of two integer numbers with assign  
inputs value on main ?**

**3. Write a program in C++ to sum of two integer numbers  
with passing  
arguments from main function  
4. Write a program in C++ to all arithmetic operations of two integer  
numbers?**

**5. Write a program in C++ to find the biggest of two integer  
numbers  
6. Write a program in C++ to find the Smallest of two integer numbers  
?  
7. Write a program in C++ to find the area of circle  
8. Write a program in C++ to find the volume of sphere  
9. Write a program in C++ to find out the given number is even or  
odd.  
10. Write a program in C++ to find out the given year is leap year or  
not. ?  
11. Write a program in C++ to print the single digit number into  
words. ?  
12. Write a program in C++ to print 11-19 range to words  
13. Write a program in C++ to print the tens (10,20,..90) into words.  
14. Write a program in C++ to print the limit 0-99 into words  
15. Write a program in C++ to print the limit 0-999 into words  
16. Write a program in C++ to read and print the ten numbers  
17. Write a program in C++ to find out the biggest of ten numbers  
18. Write a program in C++ to find out the smallest of ten numbers  
19. Write a program in C++ to find out the biggest and smallest of  
ten  
numbers. ?20. Write a program in C++ to find out the index of biggest  
of ten numbers  
in array ?  
21. Write a program in C++ to find out the index of smallest of ten  
numbers  
in array ?  
22. Write a program in C++ to interchange the biggest and smallest of  
ten  
numbers. ?  
23. Write a program in C++ to merge two arrays (array size is 10).  
24. Write a program in C++ to merge two arrays using separate objects  
25. Write a program in C++ for ascending order of ten numbers  
26. Write a program in C++ for descending order of ten numbers  
27. Write a program in C++ to read and display of N numbers  
28. Write a program in C++ to read and print the numbers which are odd  
and  
even ?  
29. Write a program in C++ to find the average of N numbers  
30. Write a program in C++ to read and print the reverse order  
Matrix with Classes  
31. Write a program in C++ to read and display a 3 x 3 Matrix  
32. Write a program in C++ to transpose the 3 x 3 Matrix  
33. Write a program in C++ to print the sum of two 3 x 3 Matrix  
34. Write a program in C++ to print the product of two 3 x 3 Matrix.  
35. Write a program in C++ to read and display a N x N Matrix  
36. Write a program in C++ to transpose the N x N Matrix  
37. Write a program in C++ to print the sum of two N x N Matrix.  
38. Write a program in C++ to print the product of two N x N Matrix.  
39. Write a program in C++ to read and display a M x N Matrix  
40. Write a program in C++ to transpose of M x N Matrix  
41. Write a program in C++ to print the sum of two M x N Matrix.  
42. Write a program in C++ to print the product of two M x N Matrix.  
Text Processing with Classes  
43. Write a program in C++ to read and print the text  
44. Write a program in C++ to count the upper, lower, number and  
special  
character of given text  
45. Write a program in C++ to count the no. of lines, words &  
characters of  
given text ?46. Write a program in C++ to copy one array to another  
array  
47. Write a program in C++ to merge the two arrays  
48. Write a program in C++ to copy the left N Characters  
49. Write a program in C++ to copy the N Characters from M th  
position  
onwards ?  
50. Write a program in C++ to find the length of given text or array  
51. Write a program in C++ to copy the last N characters  
52. Write a program in C++ to print the reverse of given array  
53. Write a program in C++ to merge three arrays  
54. Write a program in C++ to convert upper case to lower case  
letters ?  
55. Write a program in C++ to convert lower case to upper case  
letters ?  
56. Write a program in C++ to replace comma instead of semicolon ?  
57. Write a program in C++ to replace semicolon instead of comma ?  
58. Write a program in C++ to delete the comma in given string ?  
59. Write a program in C++ to store the first position of every new  
line. ?  
60. Write a program in C++ to print the Nth line  
61. Write a program in C++ to print the Mth line to Nth line ?  
62. Write a program in C++ to count the no of patterns exist on given  
string  
?  
63. Write a program in C++ to delete the pattern  
64. Write a program in C++ to replace the given pattern ?  
Files with Classes  
65. Write a program in C++ to read text and store into file ?  
66. Write a program in C++ to read text from file and print to  
screen ?  
67. Write a program in C++ to cat all files. (cat command in unix) ?  
68. Write a program in C++ to copy one file into another file (copy  
command)  
?  
69. Write a program in C++ to merge two files  
70. Write a program in C++ to print the entire file using array ?  
71. Write a program in C++ to print the entire file along the line  
number ?  
72. Write a program in C++ to print the entire file on page by page  
along  
the line number ?  
73. Write a program in C++ to count the no of upper, lower and  
special  
charactes in the file ?  
74. Write a program in C++ to count the no of lines, words and  
characters ?  
75. Write a program in C++ to count the given pattern into the file ?  
76. Write a program in C++ to grep command in linux. (Display the  
patten is  
occur or not) ?  
77. Write a program in C++ to read the biodata and store into file ?  
78. Write a program in C++ to read the biodata from file and display  
into  
screen ?  
79. Write a program in C++ to read the biodata until $ is given for  
name  
using command line arguments ?  
80. Write a program in C++ to read the biodata from file using command  
line  
arguments ?  
81. Write a program in C++ to read the bio-data from file and  
calculate hra  
and da ?  
Constructors  
82. Write a program in C++ to find the area of Circle without input ?  
83. Write a program in C++ to find the area of Circle with passing  
input via  
constructor ?  
84. Write a program in C++ to print the Fibonacci series using  
constructor ?  
85. Write a program in C++ to initialize the biodata ?  
Copy Constructors  
86. write a program in C++ to read value and clone the object using  
copy  
constructor ?  
87. write a program in C++ to clone the biodata using copy  
constructor ?  
Destructor  
88. Write a program in C++ to demonstrate destructor function. ?  
Static Members  
89. Write a program in C++ to demonstrate static members ?  
90. Write a program in C++ to print factorial value of 1 to 15 using  
static  
members ?  
Inline Functions  
91. Write a program in C++ to read and display given number ?  
92. Write a program in C++ to perform all arithmetic operations ?  
Friend Functions  
93. Write a program in C++ to read and display given number ?  
94. Write a program in C++ to compare number value between two  
objects ?  
  
  
INHERITANCE Programs List  
  
  
Simple Inheritance  
1. Write a program in C++ to sum of two integer numbers  
2. Write a program in C++ to sum of two integer numbers with assign  
inputs  
value on main ?3. Write a program in C++ to all arithmetic operations  
of two integer  
numbers ?4. Write a program in C++ to find the biggest and smallest of  
two integer  
numbers ?5. Write a program in C++ to find the area of circle and  
volume of  
sphere ?  
6. Write a program in C++ to find out the biggest and smallest of ten  
numbers ?  
Matrix with Single Inheritance  
7. Write a program in C++ to transpose the 3 x 3 Matrix  
8. Write a program in C++ to print the sum of two 3 x 3 Matrix  
9. Write a program in C++ to print the product of two 3 x 3 Matrix  
10. Write a program in C++ to transpose the N x N Matrix  
11. Write a program in C++ to print the sum of two N x N Matrix  
12. Write a program in C++ to print the product of two N x N Matrix  
13. Write a program in C++ to transpose of M x N Matrix.  
14. Write a program in C++ to print the sum of two M x N Matrix  
15. Write a program in C++ to print the product of two M x N Matrix  
Text Processing with Single Inheritance  
16. Write a program in C++ to count the upper, lower, number and  
special  
character of given text  
17. Write a program in C++ to count the no. of lines, words &  
characters of  
given text ?  
18. Write a program in C++ to copy one array to another array  
19. Write a program in C++ to count the no of patterns exist on given  
string  
20. Write a program in C++ to delete the pattern  
21. Write a program in C++ to read the bio data and height, weight  
info of  
empolyee ?22. Write a program in C++ to read the bio data and height,  
weight info of  
10 empolyees ?23. Write a program in C++ to read the bio data and  
height, weight info 10  
empolyees and store into file  
24. Write a program in C++ to read the bio-data from file  
25. Write a program in C++ to read the bio-data from file and  
calculate hra  
and da ?  
Constructor with Inheritance  
26. Write a program in C++ to find the area of triangle without input  
Destructor with Inheritance  
27. Write a program in C++ to demonstrate destructor function  
Direct Base Class  
28. Write a program in C++ to demonstration on inherits one direct  
base  
class. ?  
29. Write a program in C++ to demonstration on inherits two direct  
base  
class ?  
Indirect Base Class  
30. Write a program in C++ to demonstration on inherits one indirect  
base  
class ?  
31. Write a program in C++ to demonstration on inherits two indirect  
base  
class ?  
Public Inheritance  
32. Write a program in C++ to demonstration of public inheritance  
Protected Inheritance  
33. Write a program in C++ to demonstration of protected inheritance  
Private Inheritance  
34. Write a program in C++ to demonstration of private inheritance  
Container Class  
35. Write a program in C++ to demonstration of Container Class  
  
  
OVERLOADING Programs List  
  
  
Function Overloading with various data types  
1. Write a program in C++ to interchange of two values of all data  
types ?  
2. Write a program in C++ to find the sum of two numbers of all data  
types ?  
3. Write a program in C++ to read and print the value of all data  
types ?  
4. Write a program in C++ to find the square value of different data  
types ?  
5. Write a program in C++ to find the sum of elements of 3 x 3 matrix  
of int  
and double numbers  
6. Write a program in C++ to transpose of 3x3 matrix of int and  
double  
numbers ?Function Overloading with different number of arguments  
7. Write a program in C++ to find the sum of different no of  
arguments  
8. Write a program in C++ to find the sum of square of given different  
no of  
arguments ?9. Write a program in C++ to read and print the given  
different no of  
arguments ?  
Operator Overloading with Assignment Operators  
10. Write a program in C++ to overloading assignment operator. (Clone  
objects) ?  
11. Write a program in C++ to find the sum of two objects  
12. Write a program in C++ to perform all arithmetic operations  
13. Write a program in C++ to perform all arithmetic operations of  
two  
complex numbers  
Operator Overloading with Logical Operators  
14. Write a program in C++ to perform all logical operations of two  
objects.  
15. Write a program in C++ to print the numbers between 1 to 100 and  
100 to  
1. ?16. Write a program in C++ to generate the Fibonacci series  
(length :  
20) ?  
  
  
POLYMORPHISM Programs List  
  
  
Static Binding or Early Binding  
1. Write a program in C++ to demonstrate the static binding concept  
2. Write a program in C++ to demonstrate the static binding concept  
with  
array of pointer objects  
Dynamic Binding or Late Binding (Virtual Functions)  
3. Write a program in C++ to demonstrate the late binding concept  
(Virtual  
functions) ?4. Write a program in C++ to demonstrate the static  
binding concept with  
array of pointer objects  
Pure Virtual Functions  
5. Write a program in C++ to demonstrate the pure virtual function  
concept.  
Abstract Base Class  
6. Write a program in C++ to demonstrate the abstract base class  
  
  
TEMPLATES Programs List  
  
  
1. Write a program in C++ to swaping two items of varius data types  
2. Write a program in C++ to find the sum of array of integers and  
floats ?  
3. Write a program in C++ to find the sum of two numbers of all data  
types ?  
4. Write a program in C++ to read and print the value of all data  
types ?  
5. Write a program in C++ to find the square value of different data  
types ?  
6. Write a program in C++ to read and display values of all data  
types  
7. Write a program in C++ to demonstrate templates with default  
constructor  
8. Write a program in C++ to demonstrate templates with two arguments  
constructor ?9. Write a program in C++ to demonstrate templates with  
constructor and  
destructor ?10. Write a program in C++ to demonstrate exception  
handing of array  
declaration ?11. Write a program in C++ to demonstrate exception  
handing of array  
declaration with class  
  
  
DYNAMIC Programs List  
  
  
Numbers with dynamic memory allocation  
1. Write a program in C++ to read and display integer, float, char,  
double  
number ?  
2. Write a program in C++ to sum of two integer numbers  
3. Write a program in C++ to biggest of two integer numbers  
4. Write a program in C++ to read and display 10 integer numbers  
5. Write a program in C++ to read and display N integer numbers  
Text Processing dynamic memory allocation  
6. Write a program in C++ to read and display text using dynamic  
allocation  
7. Write a program in C++ to read N characters  
8. Write a program in C++ to copy one array to another array ?  
9. Write a program in C++ to merge two arrays  
Structures with dynamic memory allocation  
10. Write a program in C++ to read and display biodata using  
structures ?  
11. Write a program in C++ to find the area of circle using  
structures ?  
12. Write a program in C++ to find the biggest of three numbers using  
structures ?  
Functions with dynamic memory allocation  
13. Write a program in C++ to read and display text using functions  
14. Write a program in C++ to read and display integer array using  
functions  
15. Write a program in C++ to read and display biodata using  
functions  
Matrix with dynamic memory allocation  
16. Write a program in C++ to read and display a 3 x 3 Matrix  
17. Write a program in C++ to read and display biodata using class  
18. Write a program in C++ to find the area of circle using  
structures  
19. Write a program in C++ to find the sum of two numbers using  
function  
pointers ?  
20. Write a program in C++ to find the area of circle using function  
pointers ?  
21. Write a program in C++ to find the a given number is even or odd  
using  
function pointers  
  
  
BASIC Programs List  
  
  
Output (cout) Examples  
1. Write a program in C++ to display the message ? welcome to c++  
programme  
writing? ?  
2. Write a program in C++ to find the area of circle  
3. write a program in C++ to find the area of triangle  
4. Write a program in C++ to find the area of sphere  
5. Write a program in C++ to find the circumference of circle  
?Input (cin) Examples  
6. Write a program in C++ to find the area of circle using input  
value  
7. Write a program in C++ to find the area of triangle using input  
value ?  
8. Write a program in C++ to find the area of sphere using input  
value  
9. Write a program in C++ to find the circumference of circle using  
input  
value ?  
10. Write a program in C++ to read and print an given character  
11. Write a program in C++ to print the ascii value of given  
character  
12. Write a program in C++ to read and print the given integer  
13. Write a program in C++ to read and print the given float  
14. Write a program in C++ to read and print the given float with two  
decimal places ?15. Write a program in C++ to read and print the given  
double  
16. Write a program in C++ to read and print the given double with  
two  
decimal places ?  
17. Write a program in C++ to Arithmatic operations of two integer  
numbers ?  
18. Write a program in C++ to Arithmatic operations of two integer  
numbers  
.Print these results in separate lines  
19. Write a program in C++ to Arithmatic operations of two long  
numbers  
.Print these results in separate lines  
20. Write a program in C++ to Arithmatic operations of two float  
numbers  
.Print these results in separate lines  
21. Write a program in C++ to Arithmatic operations of two double  
numbers  
.Print these results in separate lines  
?Character Examples  
22. Write a program in C++ to print the upper case letters to lower  
case ?  
23. Write a program in C++ to print the lower case letters to upper  
case ?  
Datatype Conversion  
24. Write a program in C++ to read float value and print integer  
equivalent  
25. Write a program in C++ to read int value and print float  
equivalent ?Manipulator Functions  
26. Write a program in C++ to show of a numeric value of a variable  
using  
hex, oct, and dec manipulator functions.  
27. Write a program in C++ to show of a numeric value of a variable  
using  
setbase functions.  
28. Write a program in C++ to disply the value using setw manipulator  
functions. ?29. Write a program in C++ to disply the value and fill  
unused field width  
some characters using setfill function.  
  
  
   IF Programs List  
  
  
1. write a program in C++ to check whether the given number even or  
odd ?  
2. write a program in C++ to check whether the given number positive  
,negative or zero  
3. write a program in C++ to check whether the given year is leap or  
not ?  
4. Write a program in C++ to check whether the given character upper,  
lower  
, numbr or not ?5. Write a program in C++ to change upper to lower  
6. Write a program in C++ to change lower to upper ?  
7. Write a program in C++ to print a word form of given number between  
0 to  
9 ?  
8. Write a program in C++ to print a word form of given number is  
tens  
between 1 to 99 ?  
9. Write a program in C++ for relations operations of two given  
integer  
numbers ?  
10. Write a program in C++ for relations operations of two given  
float  
numbers ?  
11. Write a program in C++ for given mark contain which grade ?  
12. Write a program in C++ to find biggest of two given numbers ?  
13. Write a program in C++ to find smallest of two given numbers ?  
14. Write a program in C++ to find biggest of three given numbers ?  
15. Write a program in C++ to find smallest of three given numbers ?  
16. Write a program in C++ to find biggest of three given numbers  
using &&  
operator ?  
17. Write a program in C++ to find smallest of three given numbers  
using &&  
operator ?  
18. Write a program in C++ to display the name of the day in a  
week .here  
given input range is 1 to 7. ?  
19. Write a program in C++ to find an biggest of four given numbers ?  
20. Write a program in C++ to find an smallest of four given  
numbers ?  
21. Write a program in C++ to find a vowel or not of given  
character ?  
  
  
   SWITCH Programs List  
  
  
1. Write a program in C++ to display the name of the day in a  
week .here  
given input range is 1 to 7.  
2. Write a program in C++ to print a word form of given number between  
0 to  9  
3. Write a program in C++ to print a word form of given number is  
tens  
between 1 to 99  
4. Write a program in C++ to find a vowel or not of given character  
  
  
Numbers with while loops  
1. Write a program in C++ to print the numbers 1 to 100  
2. Write a program in C++ to sum of first 100 numbers  
3. Write a program in C++ to sum of first N numbers  
4. Write a program in C++ to sum of M to N numbers ?  
5. Write a program in C++ to find the average of 1 to 100 ?  
6. Write a program in C++ to sum of first N numbers  
7. Write a program in C++ to average of M to N numbers  
8. Write a program in C++ to display the even or odd numbers between 1  
to  
100 ?  
9. Write a program in C++ to display the even or odd numbers of first  
N  
numbers ?  
10. Write a program in C++ to display the even or odd numbers between  
to  
ranges ?  
11. Write a program in C++ to display the leap years between 1000 to  
2000 ?  
12. Write a program in C++ to display the leap years of given range ?  
13. Write a program in C++ to print the numbers between two ranges ?  
14. Write a program in C++ to print the number until -1000 is given a  
input  
?  
15. Write a program in C++ to print the positive , negative and zero  
until  
-1000 is given a input ?  
16. Write a program in C++ to count the positive , negative numbers  
and zero  
until -1000 is given a input ?  
17. Write a program in C++ to sum of the positive , negative numbers  
until  
-1000 is given a input ?  
18. Write a program in C++ to mean of the positive , negative numbers  
until  
-1000 is given a input ?  
19. Write a program in C++ to factorial of given number until -1000 is  
given  
a input ?  
Comparsion of numbers with while loops  
20. Write a program in C++ to find biggest of two numbers using  
ternary  
operator ?  
21. Write a program in C++ to find smallest of two numbers using  
ternary  
operator ?  
22. Write a program in C++ to find biggest of three numbers using  
ternary  
operator ?  
23. Write a program in C++ to find smallest of three numbers using  
ternary  
operator ?  
24. Write a program in C++ to find biggest of ten numbers  
25. Write a program in C++ to find smallest of ten numbers  
26. Write a program in C++ to find biggest of N numbers  
27. Write a program in C++ to find smallest of N numbers using  
ternary  
operator ?  
28. Write a program in C++ to read and display 10 numbers using array  
29. Write a program in C++ to read and display of N numbers using  
array ?  
30. Write a program in C++ to find mean of ten numbers using array  
31. Write a program in C++ to find mean of N numbers using array  
32. Write a program in C++ to find the biggest of 10 numbers using  
array ?  
33. Write a program in C++ to find the smallest of 10 numbers using  
array ?  
34. Write a program in C++ to find the position of biggest number in  
the  
array ?  
35. Write a program in C++ to find the position of smallest number in  
the  
array ?  
36. Write a program in C++ to find the positions of biggest&&  
smallest  
number in the array  
37. Write a program in C++ to interchange the biggest&& smallest  
number in  
the array ?38. Write a program in C++ to find the second biggest of N  
numbers using  
array ?  
39. Write a program in C++ to find the second smallest of N numbers  
using  
array ?  
40. Write a program in C++ to find the second biggest and smallest of  
N  
numbers using array  
41. Write a program in C++ to find the positions of second biggest  
and  
smallest of N numbers using array  
42. Write a program in C++ to interchange the second biggest and  
smallest of  
N numbers using array  
Matrix with while loops  
43. Write a program in C++ to read and write 3x3 matrix  
44. Write a program in C++ to read and display the transpose of 3x3  
matrix ?  
45. Write a program in C++ to find the sum of matrix  
46. Write a program in C++ to find the product of two matrixes  
47. Write a program in C++ to read and display MxN matrix  
48. Write a program in C++ to read and display the transpose of MxN  
matrix ?  
49. Write a program in C++ to sum of two MxN matrix  
50. Write a program in C++ to poduct of two MxN matrix  
Text Processing with while loops  
51. Write a program in C++ to read the characters and display until $  
is  
given ?  
52. Write a program in C++ to read the characters and display ascii  
value  
until $ is given  
53. Write a program in C++ to classify the character is upper or lower  
case  
until $ is given  
54. Write a program in C++ to count the upper , lower , number and  
special  
characters until $ is given  
55. Write a program in C++ to read and print a word  
56. Write a program in C++ to read and print a sentence until . is  
given ?  
57. Write a program in C++ to read a line until ?\n? is given  
58. Write a program in C++ to read a text until ?$? is given  
59. Write a program in C++ to count the number of characters in the  
input  
text ?  
60. Write a program in C++ to count the number of words in the input  
text ?  
61. Write a program in C++ to count the number of characters ,words  
and  
lines ?  
62. Write a program in C++ to copy one array to another array  
63. Write a program in C++ to copy the first N characters  
64. Write a program in C++ to copy the N characters form M position  
onwards  
65. Write a program in C++ to copy the last N characters  
66. Write a program in C++ to copy upper to lower case  
67. Write a program in C++ to copy lower to upper case  
68. Write a program in C++ to replace semicolon instead of comma  
69. Write a program in C++ to replace by comma instead of semicolon;  
70. Write a program in C++ to delete comma from the given string  
71. Write a program in C++ to copy the reverse of the given string  
72. Write a program in C++ to merge to arrays  
73. Write a program in C++ to fortran to pascal statement ?  
74. Write a program in C++ to pascal statement to fortran statement ?  
75. Write a program in C++ to count the lines in the text ?  
76. Write a program in C++ to print the first position of every line  
in the  
given text ?  
77. Write a program in C++ to store the first position of every line  
in the  
given text in array ?  
78. Write a program in C++ to print the M th line  
79. Write a program in C++ to print the M th to N th line ?  
Pattern Matching with while loops  
80. Write a program in C++ to find out given pattern exist or not ?  
81. Write a program in C++ to count the no of times occur in given  
pattern ?  
82. Write a program in C++ to delete the given pattern ?  
83. Write a program in C++ to replace the given pattern ?**

**FOR Programs List  
  
  
Numbers with for loops  
1. Write a program in C++ to print the numbers 1 to 100  
2. Write a program in C++ to sum of first 100 numbers  
3. Write a program in C++ to sum of first N numbers ?  
4. Write a program in C++ to sum of M to N numbers  
5. Write a program in C++ to find the average of 1 to 100  
6. Write a program in C++ to sum of first N numbers  
7. Write a program in C++ to average of M to N numbers  
8. Write a program in C++ to display the even or odd numbers between 1  
to  
100 ?  
9. Write a program in C++ to display the even or odd numbers of first  
N  
numbers ?  
10. Write a program in C++ to display the even or odd numbers between  
to  
ranges ?  
11. Write a program in C++ to display the leap years between 1000 to  
2000 ?  
12. Write a program in C++ to display the leap years of given range ?  
13. Write a program in C++ to print the number until -1000 is given a  
input  
?  
14. Write a program in C++ to print the positive , negative and zero  
until  
-1000 is given a input ?  
15. Write a program in C++ to count the positive , negative numbers  
and zero  
until -1000 is given a input ?  
16. Write a program in C++ to sum of the positive , negative numbers  
until  
-1000 is given a input ?  
17. Write a program in C++ to mean of the positive , negative numbers  
until  
-1000 is given a input ?  
18. Write a program in C++ to factorial of given number until -1000 is  
given  
a input ?  
Comparsion of numbers with for loops  
19. Write a program in C++ to find biggest of ten numbers ?  
20. Write a program in C++ to find smallest of ten numbers ?  
21. Write a program in C++ to find biggest of N numbers ?  
22. Write a program in C++ to find smallest of N numbers ?  
23. Write a program in C++ to read and display 10 numbers using  
array ?  
24. Write a program in C++ to read and display of N numbers using  
array ?  
25. Write a program in C++ to find mean of ten numbers using array ?  
26. Write a program in C++ to find mean of N numbers using array ?  
27. Write a program in C++ to find the biggest of 10 numbers using  
array ?  
28. Write a program in C++ to find the smallest of 10 numbers using  
array ?  
29. Write a program in C++ to find the position of biggest number in  
the  
array ?  
30. Write a program in C++ to find the position of smallest number in  
the  
array ?  
31. Write a program in C++ to find the positions of biggest &&  
smallest  
number in the array ?  
32. Write a program in C++ to interchange the biggest&& smallest  
number in  
the array ?  
33. Write a program in C++ to find the second biggest position of N  
numbers  
using array ?  
34. Write a program in C++ to find the second smallest position of N  
numbers  
using array ?  
35. Write a program in C++ to find the second biggest and smallest  
position  
of N numbers using array ?  
36. Write a program in C++ to interchange the second biggest and  
smallest of  
N numbers using array ?  
Matrix with for loops  
37. Write a program in C++ to read and write 3x3 matrix ?  
38. Write a program in C++ to read and display the transpose of 3x3  
matrix ?  
39. Write a program in C++ to find the sum of matrix  
40. Write a program in C++ to find the product of two matrixes ?  
41. Write a program in C++ to read and display MxN matrix ?  
42. Write a program in C++ to read and display the transpose of MxN  
matrix ?  
43. Write a program in C++ to sum of two MxN matrix  
44. Write a program in C++ to product of two MxN matrix  
Text Processing with for loops  
45. Write a program in C++ to read the characters and display until $  
is  
given ?  
46. Write a program in C++ to read the characters and display ascii  
value  
until $ is given ?  
47. Write a program in C++ to classify the character is upper or lower  
case  
until $ is given ?  
48. Write a program in C++ to count the upper , lower , number and  
special  
characters until $ is given ?  
49. Write a program in C++ to read and print a word  
50. Write a program in C++ to read and print a sentence until . is  
given ?  
51. Write a program in C++ to read a line until ?\n? is given ?  
52. Write a program in C++ to read a text until ?$? is given ?  
53. Write a program in C++ to count the number of characters in the  
input  
text ?  
54. Write a program in C++ to count the number of words in the input  
text ?  
55. Write a program in C++ to count the number of characters ,words  
and  
lines ?  
56. Write a program in C++ to copy one array to another array ?  
57. Write a program in C++ to copy the first N characters ?  
58. Write a program in C++ to copy the N characters form M position  
onwards  
?  
59. Write a program in C++ to copy the last N characters ?  
60. Write a program in C++ to copy upper to lower case ?  
61. Write a program in C++ to copy lower to upper case ?  
62. Write a program in C++ to replace by comma instead of  
semicolon; ?  
63. Write a program in C++ to delete comma from the given string ?  
64. Write a program in C++ to copy the reverse of the given string ?  
65. Write a program in C++ to merge to arrays  
66. Write a program in C++ to fortran to pascal statement  
67. Write a program in C++ to pascal to fortran statement ?  
68. Write a program in C++ to count the lines in the text ?  
69. Write a program in C++ to print the first position of every line  
in the  
given text ?  
70. Write a program in C++ to store the first position of every line  
in the  
given text in array ?  
71. Write a program in C++ to print the M th line  
72. Write a program in C++ to print the M th to N th line ?  
Pattern Matching with for loops  
73. Write a program in C++ to find out given pattern exist or not ?  
74. Write a program in C++ to count the no of times occurs in given  
pattern  
?  
75. Write a program in C++ to delete the given pattern ?  
76. Write a program in C++ to replace the given pattern ?  
  
  
DOWHILE Programs List  
\*  
  
  
1. Write a program in C++ to print the numbers between 1 to 1000  
2. Write a program in C++ to print even or odd the given range  
3. Write a program in C++ to find leap or not  
  
  
   \*STRUCTURES Programs List \*  
  
  
1. Write a program in C++ to read and display the bio-data and  
default  
inputs ?  
2. Write a program in C++ to read and display the bio-data with  
inputs  
3. Write a program in C++ to area of circle with input initialization  
4. Write a program in C++ to area of circle with input  
5. Write a program in C++ to find the biggest of three numbers using  
structure ?6. Write a program in C++ to find the smallest of three  
numbers using  
structure ?7. Write a program in C++ to read and display the bio-data  
using nested  
structure ?8. Write a program in C++ to read and display the bio-data  
of 10 students  
using nested structure  
9. Write a program in C++ to read and display the numbers using  
typedef ?  
10. Write a program in C++ to read and display the bio-data using  
typedef ?  
11. Write a program in C++ to read and display the bio-data using  
typedef  
(declaration structure)  
12. Write a program in C++ to read and display the complete bio-data  
using  
typedef (declaration structure)  
13. Write a program in C++ to read and display the complex number  
14. Write a program in C++ to read and display the two complex number  
15. Write a program in C++ to read and display the sum of two complex  
numbers ?16. Write a program in C++ to read and display the difference  
of two complex  
numbers ?17. Write a program in C++ to read and display a point of  
curve  
18. Write a program in C++ to distance between two points  
19. Write a program in C++ to read and display given number.  
20. Write a program in C++ to read and display the DOB using bit  
field  
  
  
\*POINTERS Programs List \*  
  
  
If Statement with  
Pointers  
  
Switch with Pointers  
  
While Loop with  
Pointers  
  
for loop with Pointers  
  
Do-while with Pointers  
  
Structures with  
Pointers  
  
Unions with Pointers  
  
Files with pointers  
  
Functions with Pointers  
  
  
Classes with Pointers  
  
Inheritance with  
Pointers  
  
Overloading with  
Pointers  
  
Polymorphism with  
Pointers<  
   \*FILES Programs List \*  
  
  
1. Write a program in C++ to read a character one by one until $ is  
given ?  
2. Write a program in C++ to display the text form file  
3. Write a program in C++ to read and store the bio-data into file  
4. Write a program in C++ to read the bio from file and print to  
screen ?  
5. Write a program in C++ to read the biodata until $ is given for  
name ?  
6. Write a program in C++ to read the bio from file and print to  
screen ?  
\*Command Line Arguments with Files\*  
7. Write a program in C++ to read the biodata until $ is given for  
name  
using command line arguments  
8. Write a program in C++ to read the biodata from file using command  
line  
arguments ?9. Write a program in C++ to read a character until $ is  
given using command  
line arguments ?10. Write a program in C++ to display the text from  
file using command line  
arguments(cat command in unix)  
11. Write a program in C++ to display the text from given files using  
command line arguments(cat all files command in unix)  
12. Write a program in C++ to copy one file to another file using  
command  
line arguments(cp command in unix)  
13. Write a program in C++ to merge two files  
14. Write a program in C++ to copy and convert upper case letters into  
lower  
case ?  
15. Write a program in C++ to encraph the given file ?  
16. Write a program in C++ to decraph the given file ?  
17. Write a program in C++ to copy the contents of array into file ?  
18. Write a program in C++ to copy the file contents into array ?  
19. Write a program in C++ to display line by line of the file  
contents with  
line number . ?  
20. Write a program in C++ to display page by page of the file  
contents  
including line number. ?  
21. Write a program in C++ to display line by line and count the no of  
upper  
and lower case letters and numbers ?  
22. Write a program in C++ to count the no of upper and lower case  
letters  
and numbers in file. ?  
23. Write a program in C++ to count the no of lines and words and  
characters  
in file ?  
24. Write a program in C++ to count the given pattern using command  
line  
arguments. ?  
25. Write a program in C++ to print the particular line when pattern  
is  
occurred using command line arguments.(grep command in unix: ) ?  
26. Write a program in C++ to print the particular line with line  
number  
when pattern is occurred using command line arguments.(grep command in  
unix:  
) ?  
27. Write a program in C++ to print the particular line with line  
number  
when pattern is occurred using command line arguments in all files  
(Grep  
command in unix: ) ?  
28. Write a program in C++ to print the particular line with line  
number  
when pattern dost not occur using command line arguments in all  
files ?  
\*Union with Files\*  
29. Write a program in C++ to read and store the bio-data into file ?  
30. Write a program in C++ to read the bio-data from file and print it  
to  
the screen ?  
31. Write a program in C++ to read the bio-datae and print it to the  
file  
until $ is given for name. ?  
32. Write a program in C++ to read the bio-datae from file and print  
it to  
the screen until EOF is occur. ?  
33. Write a program in C++ to read the bio-datae from file and  
calculate hra  
and da ?  
\*Randon Access Files\*  
34. Write a program in C++ to display the Nth recored ?  
35. Write a program in C++ to display the payslip of Nth recored ?  
36. Write a program in C++ to edit the nth record  
\*Indexed Sequential Files\*  
37. Write a program in C++ to read a biodata until record no is  
zero ?  
38. Write a program in C++ to display the biodata for given record  
no ?  
39. Write a program in C++ to display the pay slip for given record  
no. ?  
40. Write a program in C++ to edit the n th record**

**FUNCTIONS Programs List \*  
  
  
\*Numbers with Functions\*  
1. Write a program in C++ to sum of two integer numbers with default  
arguments. ?  
2. Write a program in C++ to sum of two integer numbers with inputs  
3. Write a program in C++ to sum of two integer numbers with inputs  
and  
default arguments  
4. Write a program in C++ to find the biggest of two integer numbers  
with  
default arguments  
5. Write a program in C++ to find the Smallest of two integer numbers  
with  
inputs. ?  
6. Write a program in C++ to find the smallest of two integer numbers  
using  
default arguments  
7. Write a program in C++ to find the smallest of two integer numbers  
with  
inputs. ?  
8. Write a program in C++ to find the area of circle  
9. Write a program in C++ to find the volume of sphere  
?10. Write a program in C++ to find out the given number is even or  
odd. ?  
11. Write a program in C++ to find out the given year is leap year or  
not. ?  
12. Write a program in C++ to print the single digit number into  
words. ?  
13. Write a program in C++ to print 11-19 range to words  
14. Write a program in C++ to print the tens (10,20,..90) into words.  
15. Write a program in C++ to print the limit 0-99 into words  
16. Write a program in C++ to print the limit 0-999 into words  
17. Write a program in C++ to read and print the ten numbers  
18. Write a program in C++ to find out the biggest of ten numbers  
19. Write a program in C++ to find out the smallest of ten numbers.  
20. Write a program in C++ to find out the biggest and smallest of  
ten  
numbers. ?21. Write a program in C++ to find out the index of biggest  
of ten numbers  
in array ?  
22. Write a program in C++ to find out the index of smallest of ten  
numbers  
in array ?  
23. Write a program in C++ to interchange the biggest and smallest of  
ten  
numbers. ?24. Write a program in C++ to merge two arrays (array size  
is 10).  
25. Write a program in C++ for ascending order of ten numbers  
26. Write a program in C++ for descending order of ten numbers  
  
27. Write a program in C++ to read and display of N numbers  
28. Write a program in C++ to read and print the numbers which are odd  
and  
even  
  
29. Write a program in C++ to find the average of N numbers  
30. Write a program in C++ to read and print the reverse order  
\*Matrix with Functions\*  
31. Write a program in C++ to read and display a 3 x 3 Matrix  
32. Write a program in C++ to transpose the 3 x 3 Matrix**