

Second Phase

- ① Find the sum of 100 Students marks enter by the keyboard.
- ② Matrix multiplication.
- ③ All programs should be made by function.
- ④ Structure, Call by value and call by reference.
- ⑤ Recursion.
- ⑥ Copy a file A1.txt to A2.txt
- ⑦ Searching a element in the given array.
- ⑧ Binary search.

Sorting

- (a) Insertion sort
- (b) Bubble sort
- (c) Merge sort

~~C++~~
(23) ✓ write a program in C that will print 1 to 100 digit.

(24) write a program in C that will print table for a given number entered by the keyboard.

(25) W.A.P. in C that will produce Arithmetic progression. [First term, Common difference, no of input is taken from the keyboard].

(26) W.A.P. in C that will calculate (a^b) . [a and b enter by the keyboard].

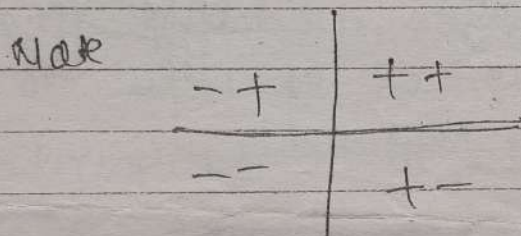
(27) W.A.P. in C that will calculate factorial for a given number enter by the (number) keyboard.

(28) W.A.P. in C that will tell given number is prime or not.

(29) W.A.P. in C that will calculate
• reverse of a given number is equal that number or not.

①⑨ w.A.P in C that will take 3 input from the keyboard and produce a increasing sequence of that number.

②⑩ w.A.P in C that will take two input (one co-ordinate) from the keyboard and produce a output in which quadrant it will lie



②① w.A.P in C that will reverse three digit number enter by the keyboard.

②② w.A.P in C that will calculate percentage of a student under given condition.

if marks > 75	with honour
marks > 60	with I st division
marks > 45	" II nd "
marks > 30	" III rd "
less than 30	fail

(ix)

* * * * *
* * * * *
* * * * *
* * * * *
* * * * *

(x)

A B C D E F G H I
A B C D F G H I
A B C G H I
A B H I
A I

(xi)

A B C D E D C B A
A B C D D C B A
A B C C B A
A B B A
A A

(xii)

A
B A
C B A
D C B A
E D C B A

(xiii)

A
A B
A B C
A B C D
A B C D E

draw this pattern.

(i) *

 *

 * *

 * * *

 * * * *

 * * * * *

(ii) A

 BA

 ABBA

 BABA

 BABAB

(iii) 1

 2 3

 4 5 6

 7 8 9 0

 1 2 3 4 5

(iv) A

 AB

 ABC

 ABCD

 ABCDE

(v) 1

 1 2

 1 2 3

 1 2 3 4

 1 2 3 4 5

(vi) A

 BA

 ABBA

 BABBA

 ABABBA

(vii) *

 * *

 * * *

 * * * *

 * * * * *

(viii) A

 BC

 DEF

 GHIJ

 KLMNO

⑧ w. A.P in c that will take three input from the keyboard and calculate which one is smaller

⑨ write a program of
(1) arithmetic operator.
(2) Bitwise "
(3) Shift "
(4) increment/decrement operator.
(5) Relational operator.

calculate
⑩ w. A.P in c that, given year from the keyboard is leap year or not.

⑪ w. A.P in c that will calculate licence fee for the given condition

if age < 18 is not possible

if age > 18 and age < 60
than possible

and fee for male - 1500
" " female - 1000

programming in c

- ① write a program in c that will print hello on the screen.
- ② W.A.P in c that will explain data type in c [draw the chart also that having size and ^{format} specifier]
- ③ W.A.P in c that will calculate tax amount for a given salary enter by the user.

Note \ if salary > 100000 tax = 10%
 otherwise tax = 0%

- ④ WAP in c that will take two input from the keyboard and tells which one is greater.

- ⑤ Swaping of two number.
- ⑥ Swaping of two number without using third variable.

- ⑦ W.A.P in c that will take 3 co ordinate (6 ~~no~~ input) from the keyboard and give the output that they lie in the same line or not