Experiment 1

Aim - Write a program to swap two numbers using call by value and call by reference.

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Experiment 2

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Aim - Write a program to construct a calculator using functions

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Experiment 3

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Aim - Write a program to calculate the factorial of a number using functions with return type and arguments

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Experiment 4

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Aim - Write a program to create a pointer to pointer variable

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Experiment 5

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Aim - Write a program to create a database of a student with student name roll number grades of three subjects using classes 👌

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Experiment 6

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Aim - Write a program to create a database of three student with student name roll number grades of three subjectxs using classes and objects 👿

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Experiment 7

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Aim - Write a program to demonstrate copy constructor 👿

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Experiment 8

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Aim - Write a program for new and delete operator use .

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Experiment 9

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Aim - Write a program to draw the pattern .

1

12

123

1234

12345

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Experiment 10

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Aim - Write a program to draw the pattern 👌

1

23

456

78910

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Experiment 11

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Aim - Write a program to draw a pattern 👌

a

ab

abc

abcd

abcde

12) write a program to check given number is palindrome or not?

13) write a program to check given number is even or odd?

14) write a program to find the largest among three numbers using functions?

15) write a program to show the use of function overloading with the name of function sum?

16) write a program to demonstrate the use of constructor and distructor?

17) write a program to convert binary number to decimal number?

=====================================================19/10=====================================================

18) write a program to insert an element in a linear array

19) write a program to search the given value and delete it from the given array

20) write a program to implement the binary search 👍

21) write a program to implement singly linkedlist

1)insertion at end

2)insertion at begining

3)insertion at a given location

22) write a program to implement singly linkedlist

1) deletion at end

2) deletion at begining

3) deletion at a given location

23) write a program to search the given value in a singly linkedlist👍

24)write a program to implement the doubly linked list with following operations

1)insertion at end

2)insertion in middle

3)deletion at begining

25)write a program to implement the circular linked list

1)insertion at begining

2)deletion at end

26) write a program to implement push and pop operation

27) write a program to convert infix operation to postfix operation

28) write a program to implement tower of hanoi problem

29) write a program to evaluate infix to postfix

30) write a program to implement insertion and deletion in a queue (enque and deque)

31) write a program to implement the circular queue

32) write a program to implement the buble sort

33) write a program to implement the insertion , selection ,merge ,quick sort