FET - B.Tech (CS&E) Programme
Object Oriented Computer Programming

TASK - 6
[Pointer]

Date : 26/7/2024

1. Write a C++ program to show the basic declaration of a pointer.
2. Write a C++ program to demonstrate how to handle pointers in a program.
3. Write a C++ program to demonstrate the use of the `&` and `*` operators.
4. Write a C++ program to add two numbers using pointers.
5. Write a C++ program to add numbers using call by reference.
6. Write a C++ program to find the maximum number between two numbers using a pointer.
7. Write a C++ program to store `n` elements in an array and print the elements using a pointer.
8. Write a C++ program to print all permutations of a given string using pointers.
9. Write a C++ program to find the largest element in an array using dynamic memory allocation.
10. Write a C++ program to calculate the length of a string using a pointer.
11. Write a C++ program to swap elements using call by reference.
12. Write a C++ program to find the factorial of a given number using pointers.
13. Write a C++ program to count the number of vowels and consonants in a string using a pointer.
14. Write a C++ program to sort an array using a pointer.
15. Write a C++ program to demonstrate how a function returns a pointer.
16. Write a C++ program to compute the sum of all elements in an array using pointers.
17. Write a C++ program to print the elements of an array in reverse order.
18. Write a C++ program to demonstrate the use of pointers to structures.
19. Write a C++ program to show a pointer to a union.
20. Write a C++ program to show a pointer to an array whose contents are pointers to structures.
21. Write a C++ program to print all the alphabets using a pointer.
22. Write a C++ program to print a string in reverse using a pointer.