**Assignement-3**

1. Write a C program to multiply two matrices.
2. Write a C program to check whether two matrices are equal or not.
3. Write a C program to find sum of each row and column of a matrix.
4. Write a C program to interchange diagonals of a matrix.
5. Write a C program to find determinant of a matrix.
6. Write a C program to check Sparse matrix.
7. Write a C program to check Symmetric matrix.
8. Write a C program to copy one string to another string.
9. Write a C program to concatenate two strings.
10. Write a C program to compare two strings.
11. Write a C program to convert lowercase string to uppercase.
12. Write a C program to find total number of alphabets, digits or special character in a string.
13. Write a C program to check whether a string is palindrome or not.
14. Write a C program to find first occurrence of a character in a given string.
15. Write a C program to search all occurrences of a character in given string.
16. Write a C program to count occurrences of a character in given string.
17. Write a C program to find highest frequency character in a string.
18. Write a C program to remove first occurrence of a character from string.
19. Write a C program to remove all occurrences of a character from string.
20. Write a C program to remove all repeated characters from a given string.
21. Write a C program to search all occurrences of a word in given string.
22. Write a C program to remove all extra blank spaces from given string.
23. Write a C program to find cube of any number using function.