**Assignment Set 4[multi-dimensional arrays]**

**Batch A**

1. Write a program to read a matrix and check whether it is identity matrix
2. Write a program to read two matrices and multiply them.
3. Program to Remove all Characters in a String except alphabet
4. Program to Sort Elements in Lexicographical Order (Dictionary Order).
5. Program to Reverse every Word of given String
6. Write a program to read a sentence add ‘an’ in front of all the vowel words.

**Batch B**

1. Write a program to read a matrix and check whether it is upper triangular matrix or not
2. Write a program to read two matrices and multiply them.
3. WAP to Determine if One String is a Circular Permutation of Another String
4. Program to Concatenate two Strings Lexically

Eg: Enter a string : hello this

Enter another string to concat : is sanfoundry

Ans: hello is sanfoundry this

1. Write a Program to Search a Word & Replace it with the Specified Word
2. Wrtie a Program to Find the Largest & Smallest Word in a String