**ENCRYPTION SYSTEM:**

A string message as an input: Ashish

A random integer is generated (4-10)

(Number of elements in the array)

Four random integers (1-50) & generated to make a random array.

Rndm\_array[]= · [1, 10, 26132].

Four Operations are chosen to be performed on the array

Sequence = [PMMSCS3SMS].

Together\_aray[]= [2422] //Length of the string of operations

These operations are implemented on the array to get solutions: [1,19,2,0]

This array is:

Skip\_array[]= [1,19,2,0]

Two arrays are generated from this:

1)Skip\_array1[] = [+1, -19, +2,0] (Alternate +, -)

2) Skip\_array2[] = [\*1, /19, \*2,0] (Alternate \*, /)

Implement the skip on the Character ASCII code to find the Encrypted message.

**DECRYPTION:**

Message []: TUXYZA

Rndm\_array[]= · [1, 10, 26132]

Sequence = [PMMSCS3SMS].

Together\_aray[]= [2422]

Perform these operations to extract the skip array.

Skip\_array[]= [1,19,2,0]

Two arrays are generated from this:

1)Skip\_array1[] = [-1, +19, -2,0] (Alternate -, +)

2) Skip\_array2[] = [/1, \*19, /2,0] (Alternate /, \*)

Implement both the skips on the ASCII values of encrypted message.