**ARRAY FUNCTION - ASSIGNMENT**

1. Specify the size of below arrays .

a. int arr[100];

Answer:- à 400 bytes

b. char arr[10];

Answer:- à 10 bytes

c. char arrval[]= "abc";

Answer:- à 4 bytes

d. char arr[] = {'a', 'b'};

Answer:- à  2 bytes

1. Write a function to read and display an integer array of 6 elements. Add a function to reverse the position of the elements i.e last one in first and second last as second one  and so on.

#include<stdio.h>

#include<conio.h>

void revnum(){

int arr[6],n,x[6],j=0;

for(int i=0;i<6;i++){

scanf("%d",&n);

arr[i]=n;

}

printf("\n");

for(int i=0;i<6;i++){

printf("%d \t",arr[i]);

}

for(int i=5;i>=0;i--){

x[j++]=arr[i];

}

printf("\n Revers Array:\n");

for(int i=0;i<6;i++){

printf("%d \t",x[i]);

}

}

Int main(){

revnum();

}

3)Write a function to reverse the contents of a string (string may/may not include space also) of maximum length 128 chars.

#include <stdio.h>

#include <string.h>

void revstr(char \*str1)  {

 int i, len, temp;

    len = strlen(str1);

    for (i = 0; i < len/2; i++)  {

        temp = str1[i];

        str1[i] = str1[len - i - 1];

        str1[len - i - 1] = temp;

    }

}

int main(){

        char str[50];

        gets(str);

        printf (" \n Before reversing : %s \n", str);

        revstr(str);

        printf (" After reversing : %s", str);

    }