1. **program to delete first and last element in string**

#include<stdio.h>

int main()  
{  
int i=0;  
char st[50],temp[50]; // [1]  
printf("Enter the string\n");  
scanf("%[\^n]",st); // [2]  
  
while(st[i+2]!='\0') // [3]  
{  
temp[i] = st[i+1]; // [4]  
i++;  
}  
temp[i]='\0'; // [5]  
printf("%s\n",temp);  
return 0;  
}

**program to delete an element from array at specified position**

#include <stdio.h>

#define MAX\_SIZE 100

int main()

{

int arr[MAX\_SIZE];

int i, size, pos;

printf("Enter size of the array : ");

scanf("%d", &size);

printf("Enter elements in array : ");

for(i=0; i<size; i++)

{

scanf("%d", &arr[i]);

}

printf("Enter the element position to delete : ");

scanf("%d", &pos);

if(pos < 0 || pos > size)

{

printf("Invalid position! Please enter position between 1 to %d", size);

}

else

{

for(i=pos-1; i<size-1; i++)

{

arr[i] = arr[i + 1];

}

size--;

printf("\nElements of array after delete are : ");

for(i=0; i<size; i++)

{

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

}

}

return 0;

}

1. **program for printing the array after rotating it k times towards left, where k would be taken as user input.**

#include <stdio.h>

  void leftRotatebyOne(int arr[], int n);

  void leftRotate(int arr[], int d, int n)

{

    int i;

    for (i = 0; i < d; i++)

        leftRotatebyOne(arr, n);

}

void leftRotatebyOne(int arr[], int n)

{

    int temp = arr[0], i;

    for (i = 0; i < n - 1; i++)

        arr[i] = arr[i + 1];

    arr[i] = temp;

}

  void printArray(int arr[], int n)

{

    int i;

    for (i = 0; i < n; i++)

        printf("%d ", arr[i]);

}

  int main()

{

    int arr[] = { 1, 2, 3, 4, 5, 6, 7 };

    leftRotate(arr, 2, 7);

    printArray(arr, 7);

    return 0;

}