

ASSIGNMENT-DAY-2

Q.1. Write the program for deleting an element from the beginning and from any position.

=> Delete at any position:

```
#include <stdio.h>
#include <conio.h>
#define maxSize 10
void main(){
    int arr[maxSize] = {4,45,1,2,845};
    int n = 5;
    int key;
    scanf("%d", &key);
    for(int i = key; i <= n; i++){
        arr[i-1]=arr[i];
    }
    n--;
    for(int i = 0; i<= maxSize - 1; i++){
        printf(arr[i] + "\n");
    }
}
```

=> Delete at Beginning:

```
#include <stdio.h>
#include <conio.h>
#define maxSize 10
void main(){
    int arr[maxSize] = {4,45,1,2,845};
    int n = 5;
    for(int i = 1; i <= n; i++){
        arr[i-1]=arr[i];
    }
}
```

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```
n--;
for(int i = 0; i<= maxSize - 1; i++){
    printf(arr[i] + "\n");
}
}
```

Q.2. Write the program for printing the array after rotating it k times towards left, where k would be taken as user input.

```
#include <stdio.h>
#include <conio.h>
#define maxSize 5

void main(){
    int n = maxSize;
    int arr[maxSize] = {4,45,1,2,845};
    int k;
    scanf("%d", &k);
    int counter = 0;
    do{
        int temp = arr[0];
        for(int j = 1; j <= n - 1; j++){
            arr[j-1] = arr[j];
        }
        arr[n-1] = temp;
        counter++;
    }while(counter != k);
    for(int i = 0; i <= n-1; i++){
        printf("%d ", arr[i]);
    }
}
```