1.Write a C Program to rotate an array by K positions.

#include <stdio.h>

int main() {

int arr[100];

int i, N, len, j;

printf("enter n value\n");

scanf("%d",&len);

printf("enter array elements\n");

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

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

printf("enter num rotation \n");

scanf("%d",&N);

int temp=0;

for (i = 0; i < N; i++) {

int x = arr[0];

for (j = 0; j < len; j++) {

temp=arr[j];

arr[j] = arr[j + 1];

arr[j+1]=temp;

}

arr[len - 1] = x;

}

for (i = 0; i < len; i++) {

printf("element at %d index : %d\n",i,arr[i]);

}

}

**OUTPUT:**

