# 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];

} 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]);

}

}