ASSIGNMENT-3

①
```c
#include <stdio.h>

int main()
{
    int array[100], position, c, n;

    printf("Enter number of elements in array\n");

    scanf("%d", &n);

    printf("Enter %d elements \n", n);

    for (c=0; c<n; c++)

    scanf("%d", &array[c]);

    printf("Enter the location where you wish
           to delete element\n");
    scanf("%d", &position);

    if (position >= n+1)

    printf("Deletion not possible\n");

    else
    {
        for (c= position-1; c<n-1; c++)
```

```c
        array[c] = array[c+1];
        printf("Resultant array : \n");

    for (c=0; c<n-1; c++)
        printf("%d\n", array[c]);

    }

    return 0;

}


(2)  #include <stdio.h>

     #include <conio.h>


     int main()

     {
         int a[10000], i, n, j, k, temp;

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

         scanf("%d", &n);

         printf("Enter elements in array: ");

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

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

         }

         printf("how many times left rotate :");
         scanf("%d", &k);
```

```c
for(i=0; i<k; i++)
{
    temp=a[0];
    for (j=0; j<n-1; j++)
    {
        a[j]=a[j+1];
    }
    a[n-1]= temp;
}

printf("\n array elements after left rotate:");

for (i=0; i<n; i++)
{
    printf(" .%d ",a[i]);
}
}
```