```c
#include <stdio.h>

int main()
{
    int a[8],n,pos,ele,i;

    printf("enter the value of n\n");
    scanf("%d",&n);

    printf("enter elemmts in array");
    for(i=0;i<n;i++)
    {
        scanf("%d",&a[i]);
        printf("%d ",a[i]);
    }

    printf("enter new elemnts to insert");
    scanf("%d",&ele);
    printf("\nenter postion to insert element");
    scanf("%d",&pos);
    if(pos>=0 && pos<8)
    {
    for(i=n-1;i>=pos-1;i--)
    {
        a[i+1]=a[i];
    }
    a[pos-1]=ele;

    printf("\nafter inertion");
    for(i=0;i<n+1;i++)
    printf("%d ",a[i]);
    }

    else
    {
        printf("sorry invalid postion");
    }




    return 0;
}
```