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//C program to delete a number at a given location in an array
#include<stdio.h>
void main()
{
    int i,n,pos,a[10];
    printf("\n Enter the number of elements: ");
    scanf("%d",&n);
    printf("Enter the elements:\n");
    for(i=0;i<n;i++)
        scanf("%d",&a[i]);
    printf("Enter the location where you want to delete the element: ");
    scanf("%d",&pos);
    if(pos>=n+1)
        printf("Deletion is not possible\n");
    else
    {
        for(i=pos;i<n;i++)
            a[i]=a[i+1];
        printf("Resultant array:\n");
        for(i=0;i<n;i++)
            printf("%d\t",a[i]);
    }
}
```