/\*array deletion by location\*/

#include<stdio.h>

void deletion(int a1[],int n);

int main()

{

int n,i;

printf("enter the value of n\n");

scanf("%d",&n);

int a[n];

printf("enter the values of array\n");

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

{

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

}

printf("your entered array elements are\n");

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

{

printf("%d\n",a[i]);

}

deletion(a,n);

return 0;

}

void deletion(int a1[],int n)

{

int i,location;

printf("enter the location of new element to be deleted\n");

scanf("%d",&location);

if(location>=n)

{

printf("deletion is not possible\n");

}

else

{

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

{

a1[i]=a1[i+1];

}

printf("after deletion the resultant array is\n");

for(i=0;i<n-1;i++)

{

printf("%d\n",a1[i]);

}

}

}