#include<iostream.h>

#include<conio.h>

void main()

{

clrscr();

int a[100], k, j, n, value;

cout<<"Enter the number of elements in array\n";

cin>>n;

cout<<"enter the elements of an array\n";

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

cin>>a[j];

cout<<"Enter the location where you wish to insert an element\n";

cin>>k;

cout<<"Enter the value to insert\n";

cin>>value;

for (j = n - 1; j >= k - 1; j--)

a[j+1] = a[j];

a[k-1] = value;

cout<<"Resultant array is\n";

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

cout<<" "<<a[j];

getch();

}

