// Inseartion at

// 20UET009

#include<stdio.h>

int main()

{

int a[10];

int i,n,option,p,element;

printf("enter size of array:\n");

scanf("%d",&n);

printf("enter array elements:\n");

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

{

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

}

printf("\nenter option for inserting\nend:1 start:2 position:3\n");

scanf("%d",&option);

switch(option)

{

case 1:printf("\nelement inseartin at end:\n");

scanf("%d",&element);

a[n]=element;

break;

case 2:printf("\nelement insearting at start:\n");

printf("enter element:\n");

for(i=n;i>=0;i--)

{

a[i]=a[i-1];

}

scanf("%d",&a[0]);

break;

case 3:printf("\nelement inseartin at position:\n");

printf("enter position to insert:\n");

scanf("%d",&p);

printf("enter element:\n");

for(i=n;i>=p;i--)

{

a[i]=a[i-1];

}

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

break;

default:printf("\nenter valid option.\n");

}

printf("\n array elements are:\n");

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

{

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

}

return 0;

}

