#include<stdio.h>

#include<conio.h>

int insert(int \*);

int view(int \*);

int del(int \*);

void main()

{

int a[100];

int ch;

while(1)

{

clrscr();

{

printf("\nEnter 1 to insert element in array:\t");

printf("\nEnter 2 to view element in array:\t");

printf("\nEnter 3 to Delete element in array:\t");

printf("\nEnter 4 to Exit:\t");

printf("\n enter the choice \n");

scanf("%d",&ch);

switch(ch)

{

case 1:insert(a);getch();

break;

case 2:view(a);getch();

break;

case 3:del(a);getch();

break;

case 4:exit(0);

}

}

}

}

int insert(int \*a)

{

int i,n;

printf("Enter the no. of elements in array:\t");

scanf("%d",&n);

printf("\nEnter %d elements in array:\t",n);

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

{

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

}

a[i]='\0';

return \*a;

}

int view(int \*a)

{

int j;

for(j=0;a[j]!=NULL;j++)

{

printf("\nElement of array=%d",a[j]);

}

return \*a;

}

int del(int \*a)

{

int c,k,posi;

for(k=0;a[k]!=NULL;k++)

{

}

printf("Enter the position to delete element:\t");

scanf("%d",&posi);

if(posi<=k)

{

for(c=posi-1;c<k-1;c++)

{

a[c]=a[c+1];

}

printf("\nArray after Deletion");

for(c=0;c<k-1;c++)

{

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

}

}

return \*a;

}