#include<iostream>

using namespace std;

int main()

{

cout<<"insert:Enter 1"<<endl;

cout<<"delete:Enter 2"<<endl;

cout<<"display:Enter 3"<<endl;

cout<<"exit:Enter 0"<<endl;

int x[5]={};

int size=0;

int i;

while (true)

{

cout<<"enter a choice"<<endl;

cin>>i;

if(i==0)

{

cout<<"exiting loop"<<endl;

break;

}

else

{

switch(i){

case 1:

{

cout<<"enter a value"<<endl;

cin>>x[size];

size++;

break;

}

case 2:

{

cout<<"enter a value"<<endl;

cin>>x[size];

for(int size=i;size<5; size=size+1){

x[size]=x[size+1];

}

cout<<"postion of the new arry is :"<<endl;

for(size=0;size<4;size=size+1)

cout<<x[size];

break;

}

case 3:

{

for(int i=0;i<5;i++)

{

cout<<x[i]<<endl;

}

break;

}

default : cout<<"invalid choice"<<endl;

break;

}

}

cout<<"insert:Enter 1"<<endl;

cout<<"delete:Enter 2"<<endl;

cout<<"display:Enter 3"<<endl;

cout<<"exit:Enter 0"<<endl;

}

return 0;

}