INSERTION AND DELETION

#include<stdio.h>

void main()

{

int ch,a[100],i,n,pos,ele;

printf("ENTER THE SIZE OF ARRAY\n");

scanf("%d",&n);

printf("ENTER THE ELEMENTS ");

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

{

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

}

printf("ENTER YOUR CHOICE\n1.INSERTION\n2.DELETION\n");

scanf("%d",&ch);

if(ch==1)

{

printf("ENTER THE POSITION TO BE INSERTED\n");

scanf("%d",&pos);

printf("ENTER THE ELEMENT TO BE INSERTED\n");

scanf("%d",&ele);

for(i=(n-1);i>=(pos-1);i--)

{

a[i+1]=a[i];

}

a[pos-1]=ele;

n++;

printf("ARRAY AFTER INSERTION\n");

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

{

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

}

}

else if (ch==2)

{

printf("ENTER THE POSITION OF ELELMENT TO BE DELETED\n");

scanf("%d",&pos);

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

{

a[i]=a[i+1];

}

n--;

printf("ARRAY AFTER DELETION \n");

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

{

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

}

}

}