LINEAR SEARCH

#include<stdio.h>

#include<conio.h>

void main()

{

int a[15],i,j=1,n,val,pos=-1;

clrscr();

printf("ENTER THE SIZE OF THE ARRAY:");

scanf("%d",&n);

printf("ENTER THE ELEMENTS:\n");

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

{

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

}

printf("ARRAY\n");

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

{

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

}

printf("\nENTER THE ELEMENT TO BE SEARCHED:");

scanf("%d",&val);

while(j<=n)

{

if(a[j]==val)

{

pos=j;

printf("%d FOUND AT THE LOCATION %d",val,pos);

}

j=j+1;

}

if(pos==-1)

printf("VALUE IS NOT PRESENT IN THE ARRAY");

getch();

}



