BUBBLE SORT

#include<stdio.h>

#include<conio.h>

void main()

{

int a[20],i,n,temp,j;

clrscr();

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

scanf("%d",&n);

printf("ENTER ELEMENTS:");

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

{

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

}

printf("\nARRAY BEFORE SORTING\n");

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

{

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

}

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

{

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

{

if(a[i]>a[i+1])

{

temp=a[i];

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

a[i+1]=temp;

}

}

}

printf("\nARRAY AFTER SORTING\n");

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

{

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

}

getch();

}

