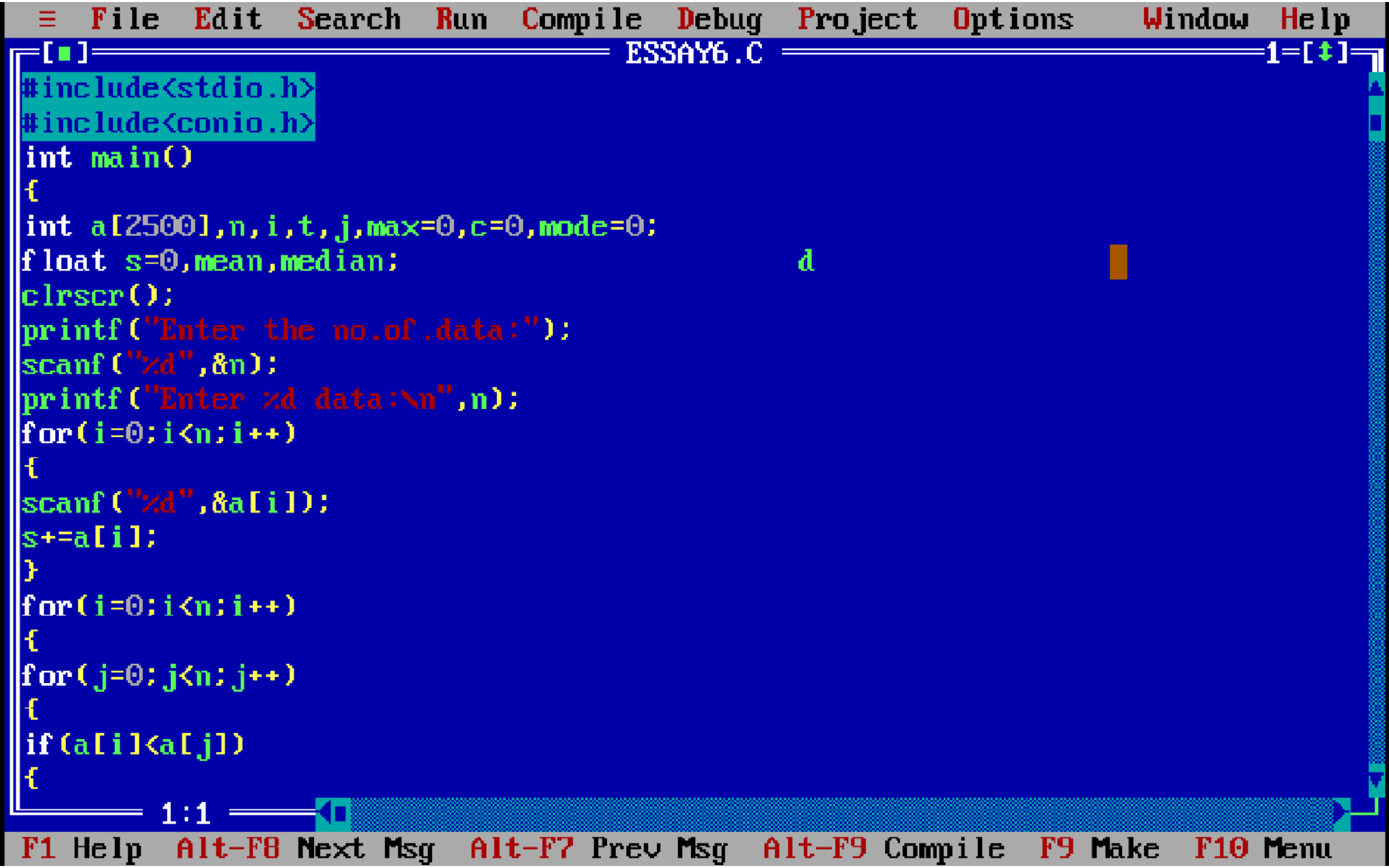

File Edit Search Run Compile Debug Project Options Window Help
ESSAY6.C
#include<stdio.h>
#include<conio.h>
int main()
{
int a[2500],n,i,t,j,max=0,c=0,mode=0;
float s=0,mean,median;
clrscr();
printf("Enter the no.of.data:");
scanf("%d",&n);
printf("Enter %d data:\n",n);
for(i=0;i<n;i++)
{
scanf("%d",&a[i]);
s+=a[i];
}
for(i=0;i<n;i++)
{
for(j=0;j<n;j++)
{
if(a[i]<a[j])
{
1:1
F1 Help Alt-F8 Next Msg Alt-F7 Prev Msg Alt-F9 Compile F9 Make F10 Menu

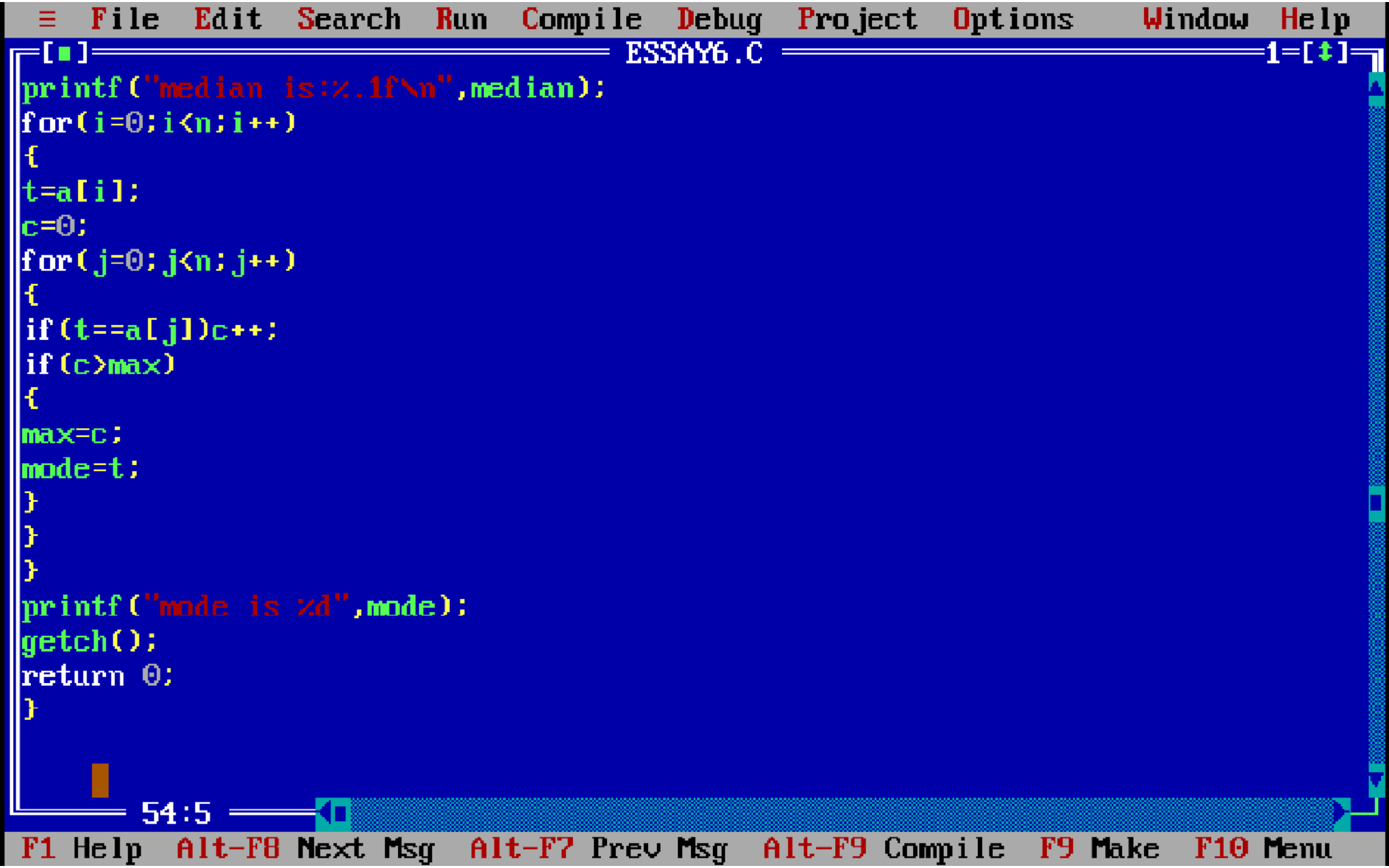
≡ File Edit Search Run Compile Debug Project Options Window Help

ESSAY6.C

```
t=a[i];
a[i]=a[j];
a[j]=t;
}
}
}
mean=s/(float)n;
printf("mean or average is:%.1f\n",mean);
if(n%2==0)
median=((a[(n-1)/2]+a[(n-1)/2+1])/2.0);
else
median=((a[(n-1)/2]/2.0));
printf("median is:%.1f\n",median);
for(i=0;i<n;i++)
{
t=a[i];
c=0;
for(j=0;j<n;j++)
{
if(t==a[j])c++;
if(c>max)
```

42:1

F1 Help Alt-F8 Next Msg Alt-F7 Prev Msg Alt-F9 Compile F9 Make F10 Menu


File Edit Search Run Compile Debug Project Options Window Help
ESSAY6.C
printf("median is:%.1f\n",median);
for(i=0;i<n;i++)
{
t=a[i];
c=0;
for(j=0;j<n;j++)
{
if(t==a[j])c++;
if(c>max)
{
max=c;
mode=t;
}
}
}
printf("mode is %d",mode);
getch();
return 0;
}
54:5
F1 Help Alt-F8 Next Msg Alt-F7 Prev Msg Alt-F9 Compile F9 Make F10 Menu

```
Enter the no.of.data:3
Enter 3 data:
1
2
3
mean or average is:2.0
median is:2.0
mode is 1
```