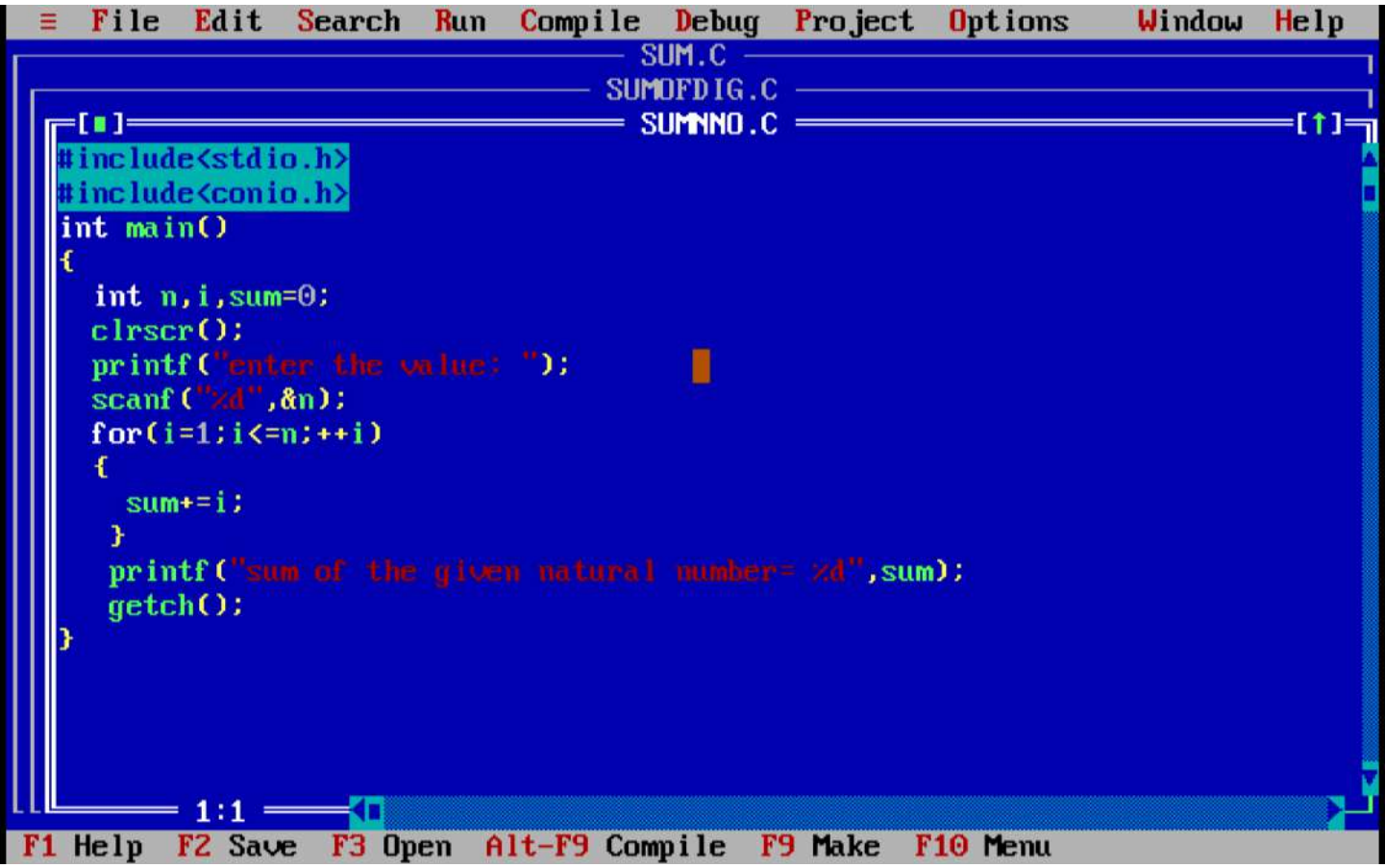
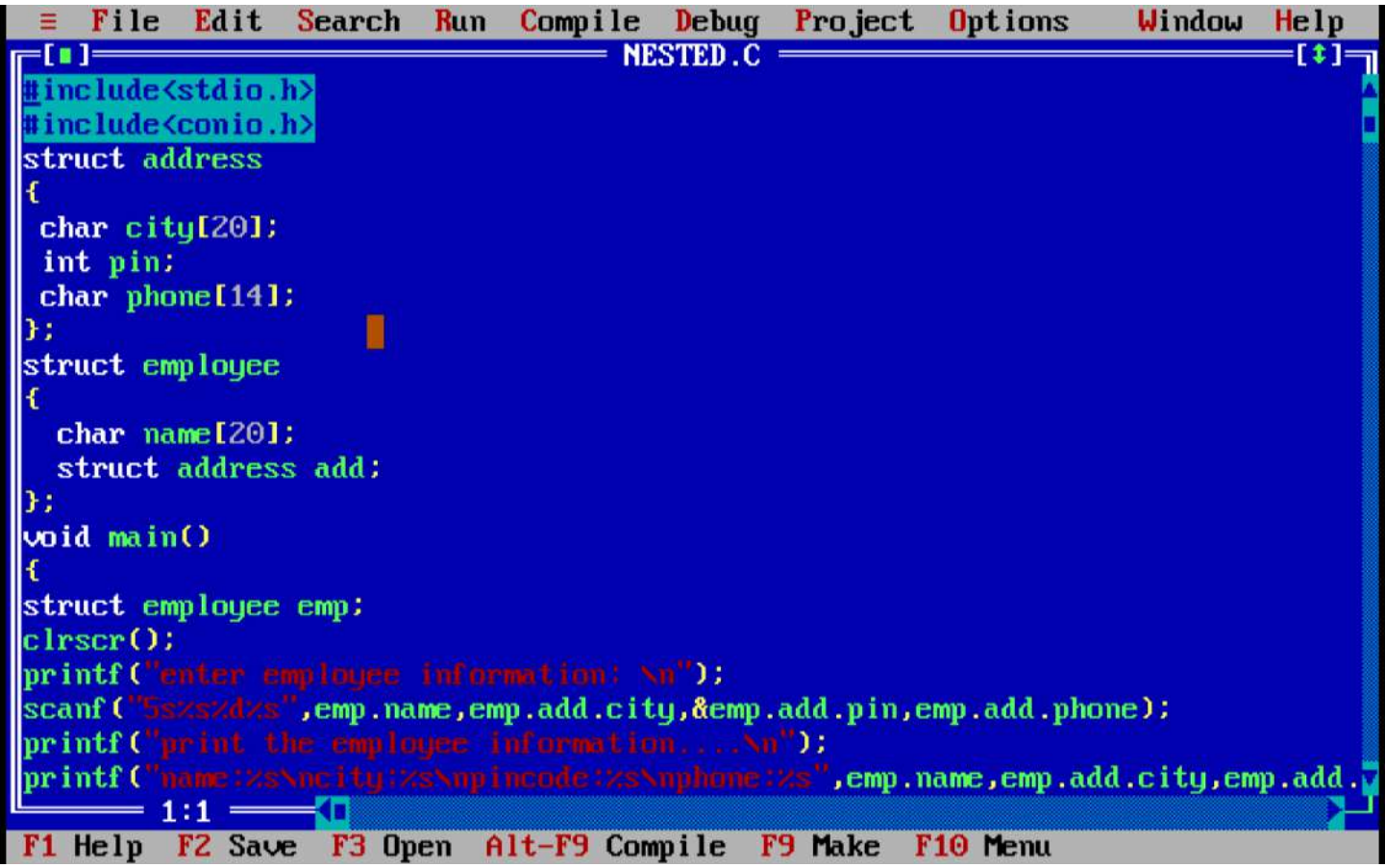
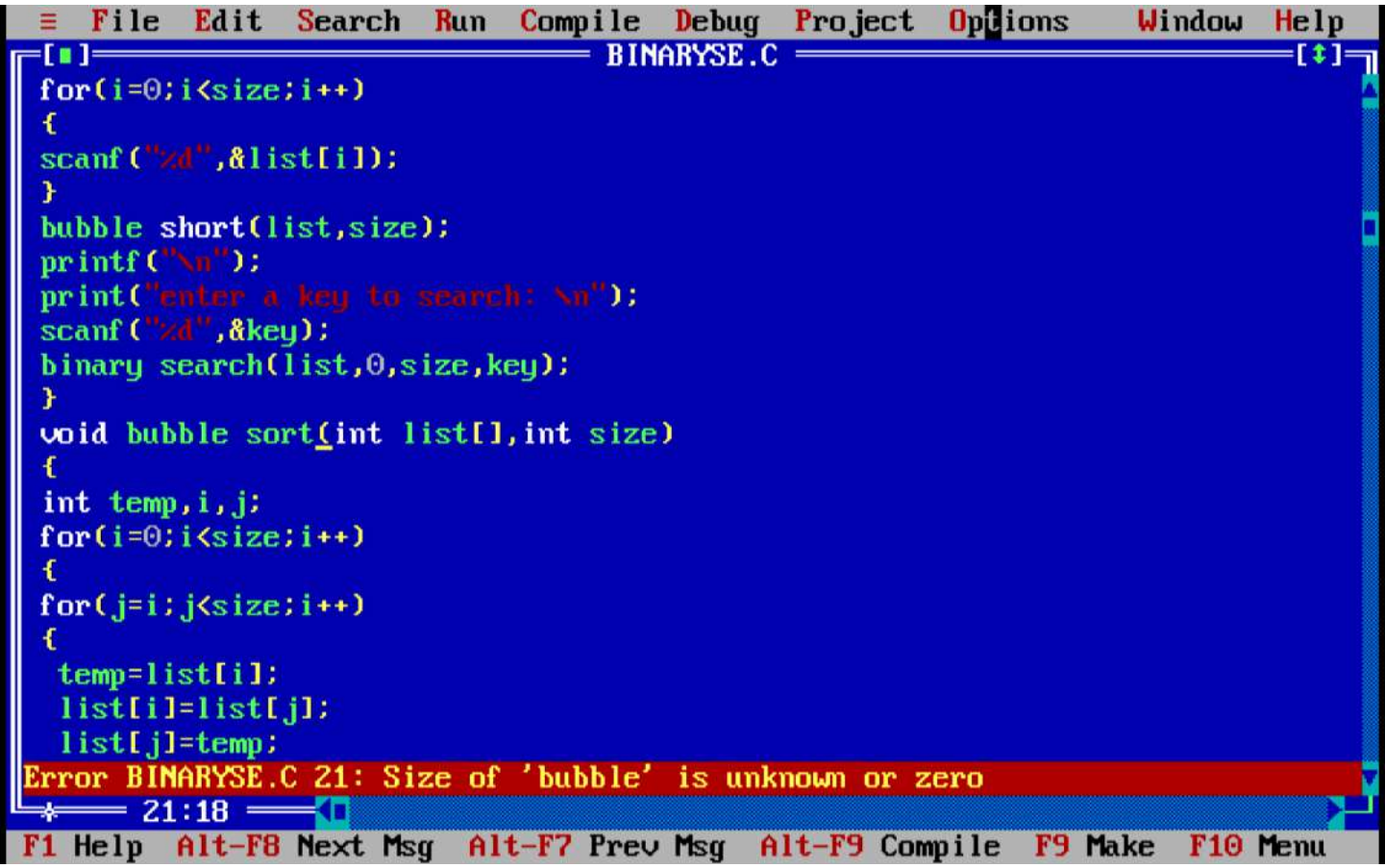
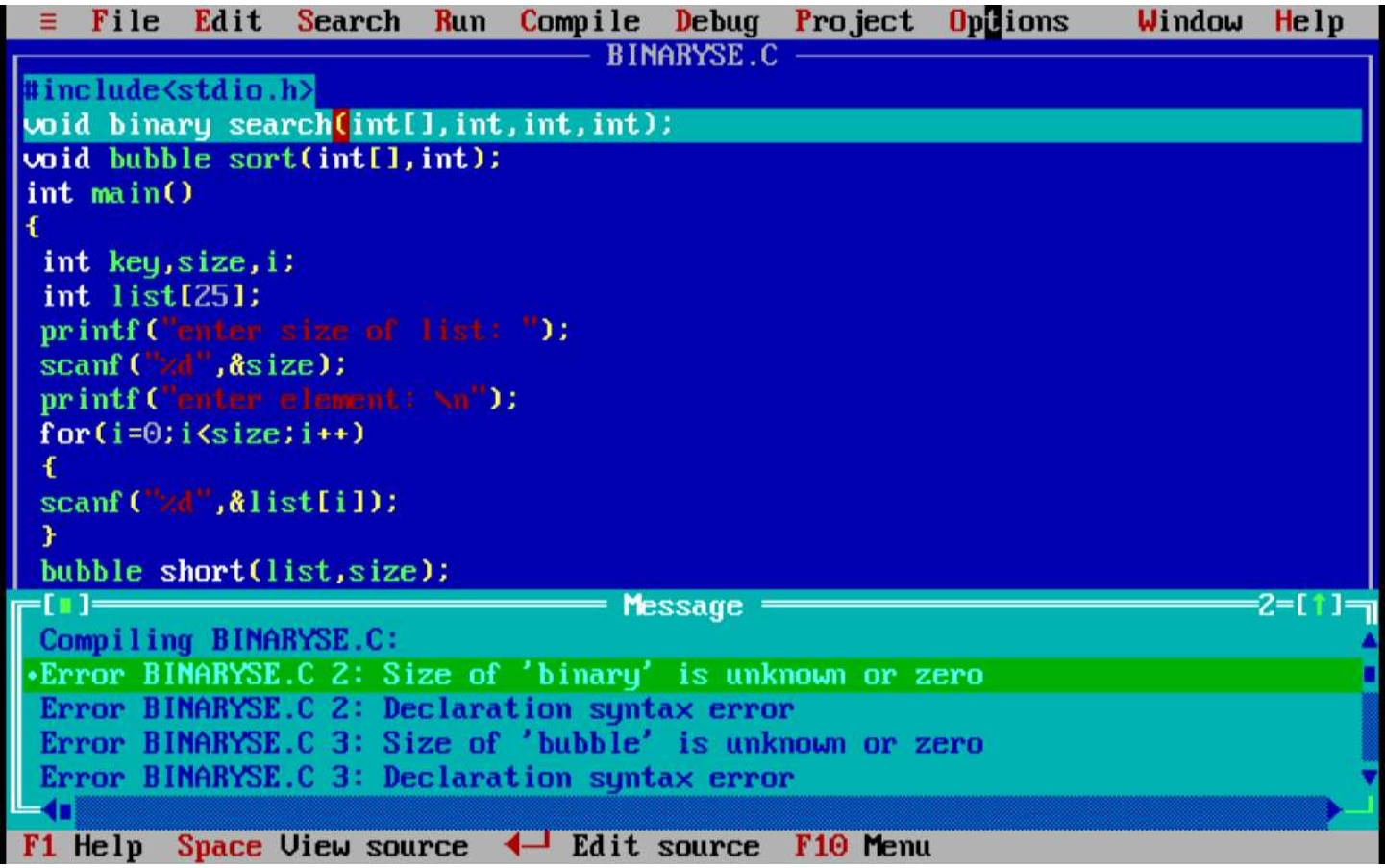
```
enter the value: 5
sum of the given natural number= 15
```

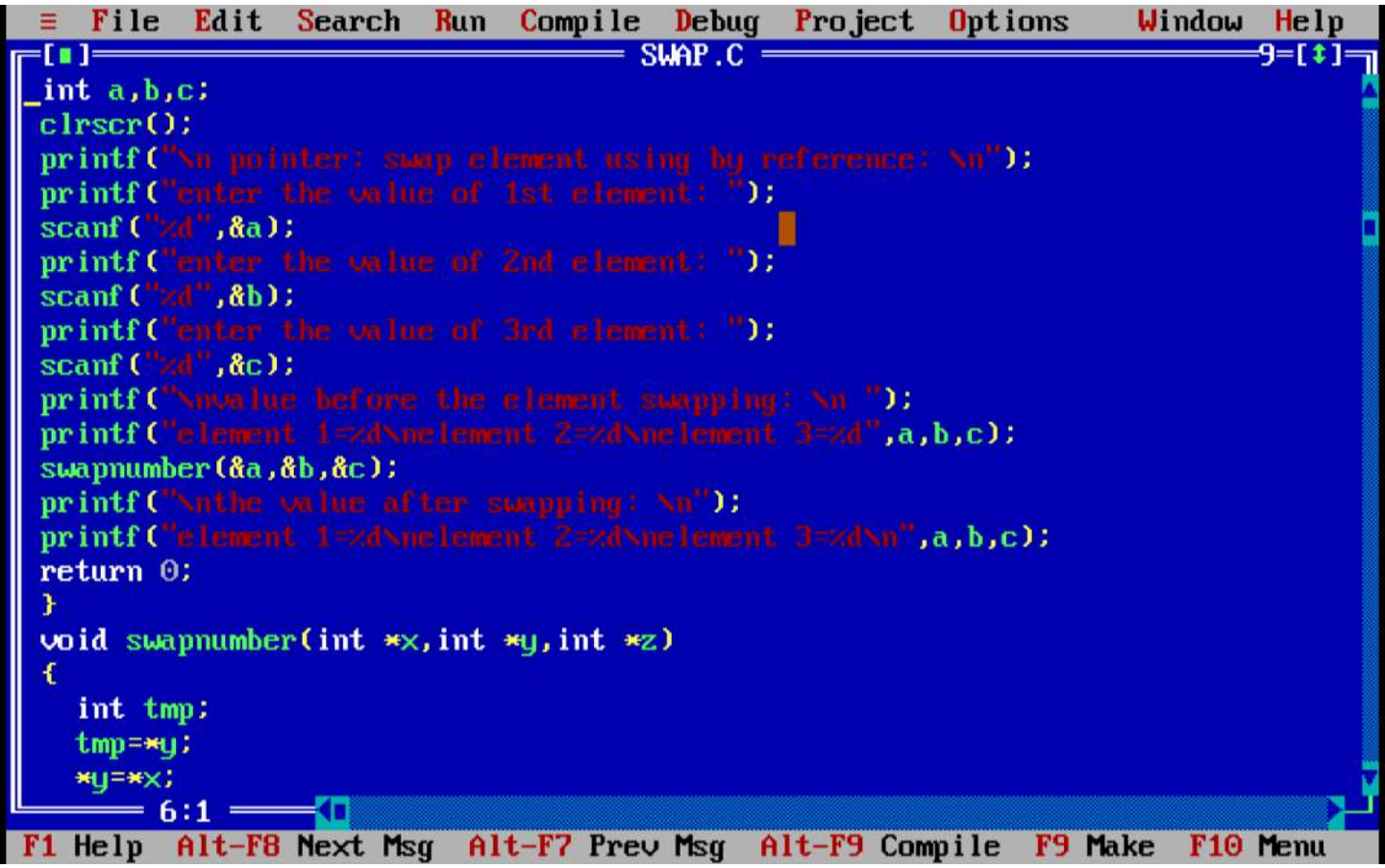

File Edit Search Run Compile Debug Project Options Window Help
SUM.C
SUMOFDIG.C
SUMNNO.C
#include<stdio.h>
#include<conio.h>
int main()
{
int n,i,sum=0;
clrscr();
printf("enter the value: ");
scanf("%d",&n);
for(i=1;i<=n;++i)
{
sum+=i;
}
printf("sum of the given natural number= %d",sum);
getch();
}
1:1
F1 Help F2 Save F3 Open Alt-F9 Compile F9 Make F10 Menu


File Edit Search Run Compile Debug Project Options Window Help
NESTED.C
#include<stdio.h>
#include<conio.h>
struct address
{
char city[20];
int pin;
char phone[14];
};
struct employee
{
char name[20];
struct address add;
};
void main()
{
struct employee emp;
clrscr();
printf("enter employee information: \n");
scanf("%s%s%d%s",emp.name,emp.add.city,&emp.add.pin,emp.add.phone);
printf("print the employee information....\n");
printf("name:%s\ncity:%s\npincode:%s\nphone:%s",emp.name,emp.add.city,emp.add.
1:1
F1 Help F2 Save F3 Open Alt-F9 Compile F9 Make F10 Menu

```
enter employee information:
saran
chennai
600021
2937493102
print the employee information....
name:■♤≥♤element 1=5
element ∈ ⛁0♥↕@
city:ent ∈ ⛁0♥↕@
pincode:
phone:♥0 @_
```


File Edit Search Run Compile Debug Project Options Window Help
BINARYSE.C
for(i=0;i<size;i++)
{
scanf("%d",&list[i]);
}
bubble short(list,size);
printf("\n");
print("enter a key to search: \n");
scanf("%d",&key);
binary search(list,0,size,key);
}
void bubble sort(int list[],int size)
{
int temp,i,j;
for(i=0;i<size;i++)
{
for(j=i;j<size;i++)
{
temp=list[i];
list[i]=list[j];
list[j]=temp;
Error BINARYSE.C 21: Size of 'bubble' is unknown or zero
21:18
F1 Help Alt-F8 Next Msg Alt-F7 Prev Msg Alt-F9 Compile F9 Make F10 Menu

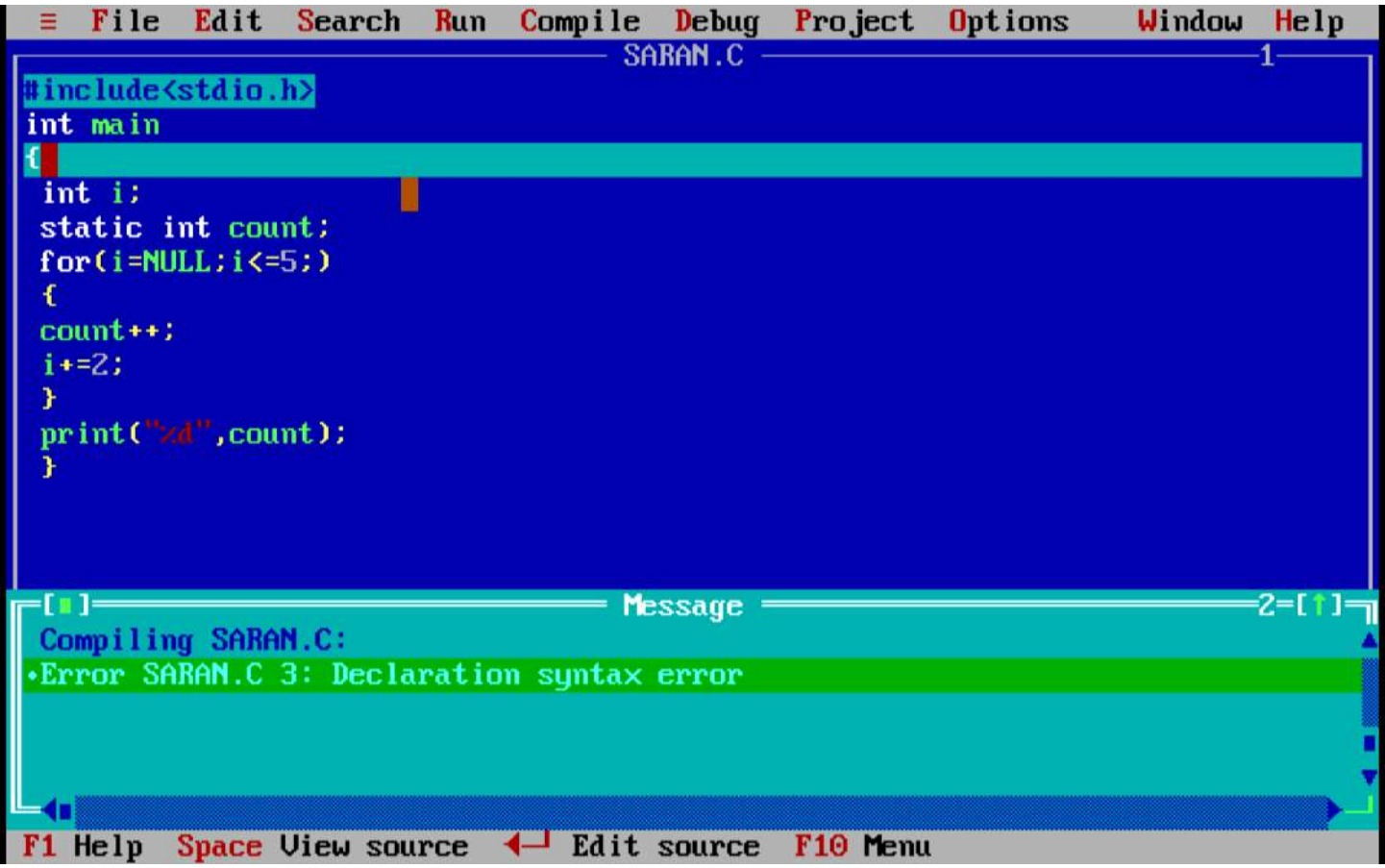

File Edit Search Run Compile Debug Project Options Window Help
BINARYSE.C
#include<stdio.h>
void binary search(int[],int,int,int);
void bubble sort(int[],int);
int main()
{
int key,size,i;
int list[25];
printf("enter size of list: ");
scanf("%d",&size);
printf("enter element: \n");
for(i=0;i<size;i++)
{
scanf("%d",&list[i]);
}
bubble short(list,size);
Message
Compiling BINARYSE.C:
Error BINARYSE.C 2: Size of 'binary' is unknown or zero
Error BINARYSE.C 2: Declaration syntax error
Error BINARYSE.C 3: Size of 'bubble' is unknown or zero
Error BINARYSE.C 3: Declaration syntax error
F1 Help Space View source Edit source F10 Menu

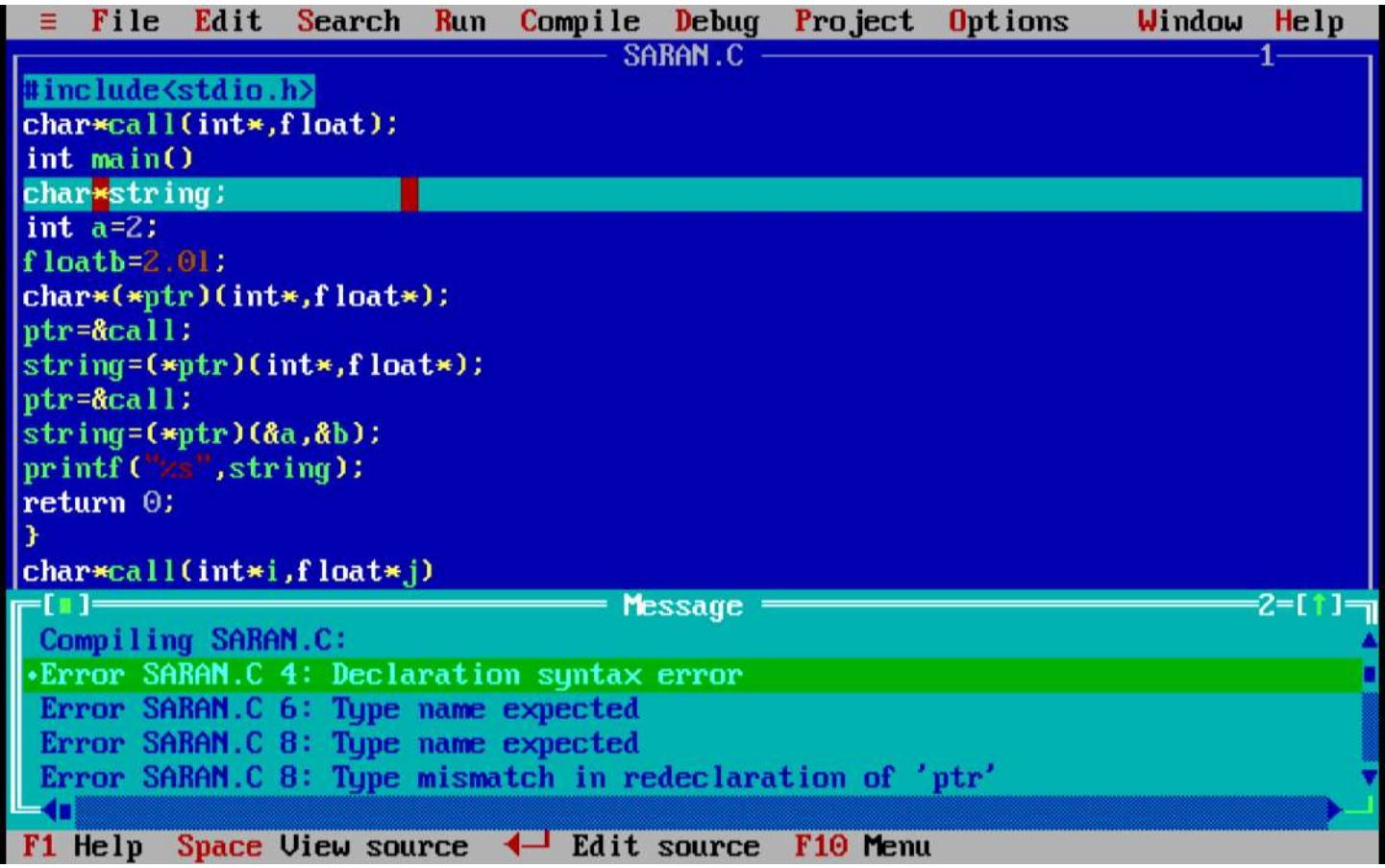

File Edit Search Run Compile Debug Project Options Window Help
SWAP.C
int a,b,c;
clrscr();
printf("\n pointer: swap element using by reference: \n");
printf("enter the value of 1st element: ");
scanf("%d",&a);
printf("enter the value of 2nd element: ");
scanf("%d",&b);
printf("enter the value of 3rd element: ");
scanf("%d",&c);
printf("\nvalue before the element swapping: \n ");
printf("element 1=%d\nelement 2=%d\nelement 3=%d",a,b,c);
swapnumber(&a,&b,&c);
printf("\nthe value after swapping: \n");
printf("element 1=%d\nelement 2=%d\nelement 3=%d\n",a,b,c);
return 0;
}
void swapnumber(int *x,int *y,int *z)
{
int tmp;
tmp=*y;
*y=*x;
6:1
F1 Help Alt-F8 Next Msg Alt-F7 Prev Msg Alt-F9 Compile F9 Make F10 Menu

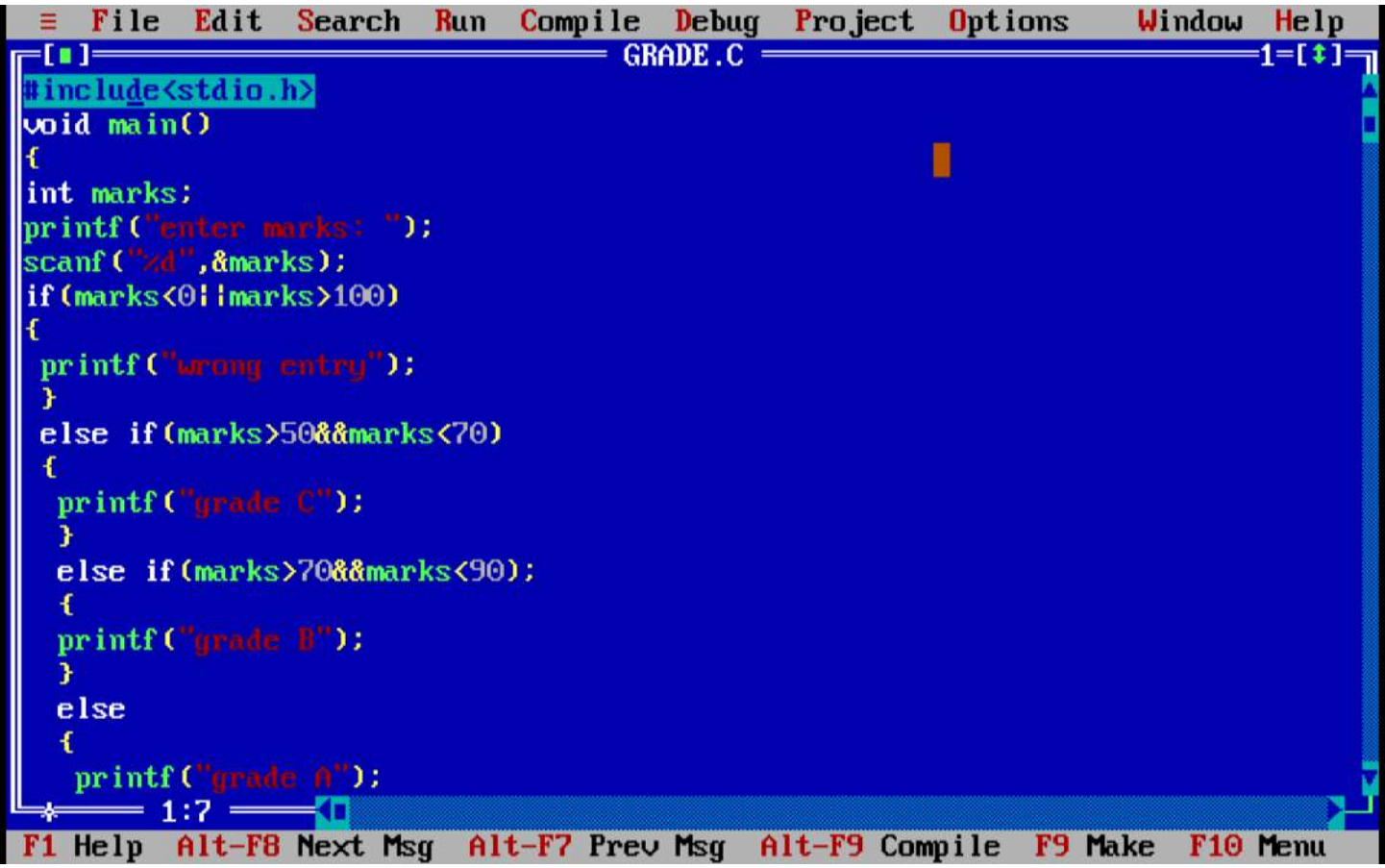
```
 pointer: swap element using by reference:
enter the value of 1st element: 2
enter the value of 2nd element: 4
enter the value of 3rd element: 5

value before the element swapping:
 element 1=2
element 2=4
element 3=5
the value after swapping:
element 1=5
element 2=2
element 3=4
_
```

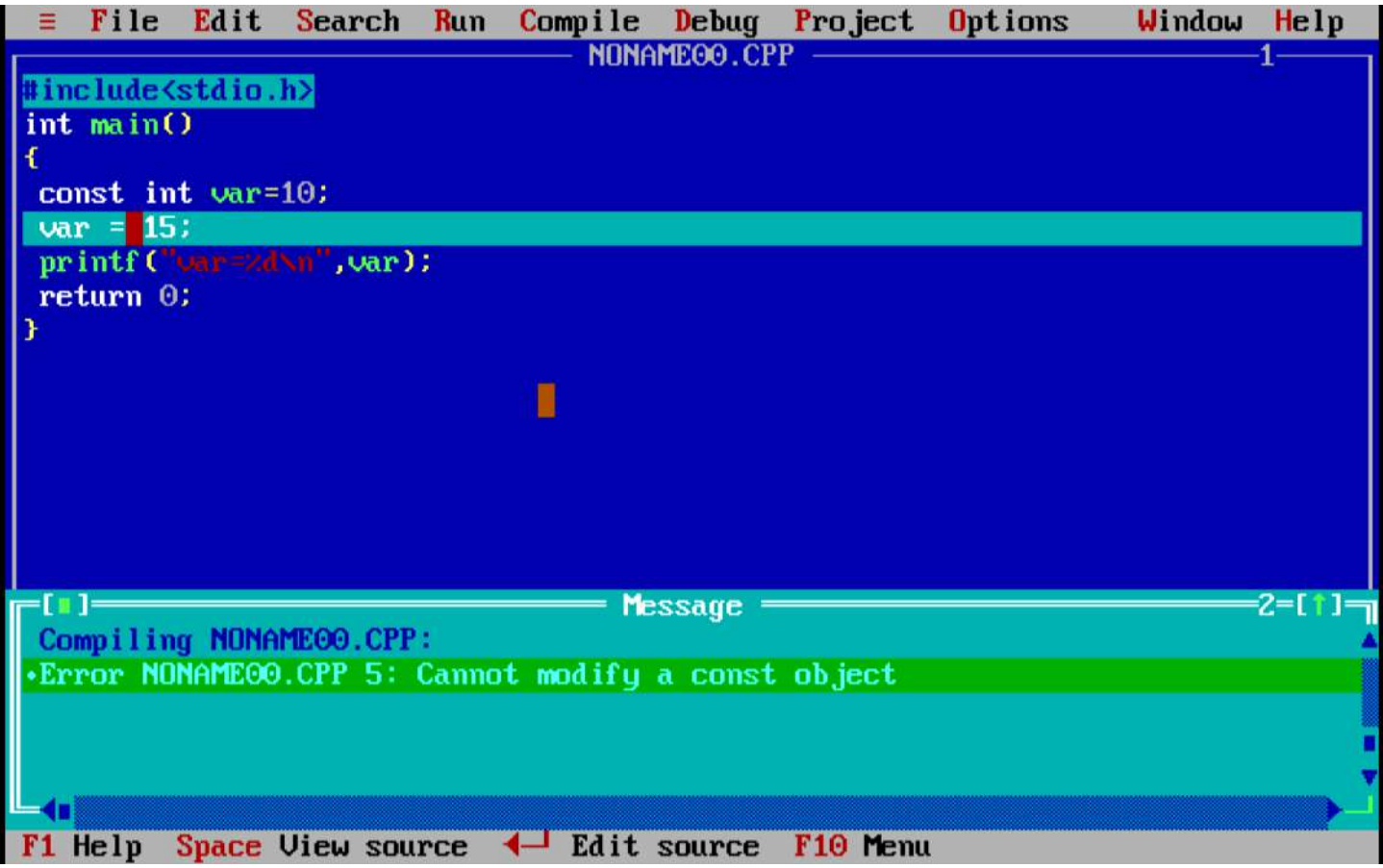

enter the base value: 2
enter the power value: 2
4_

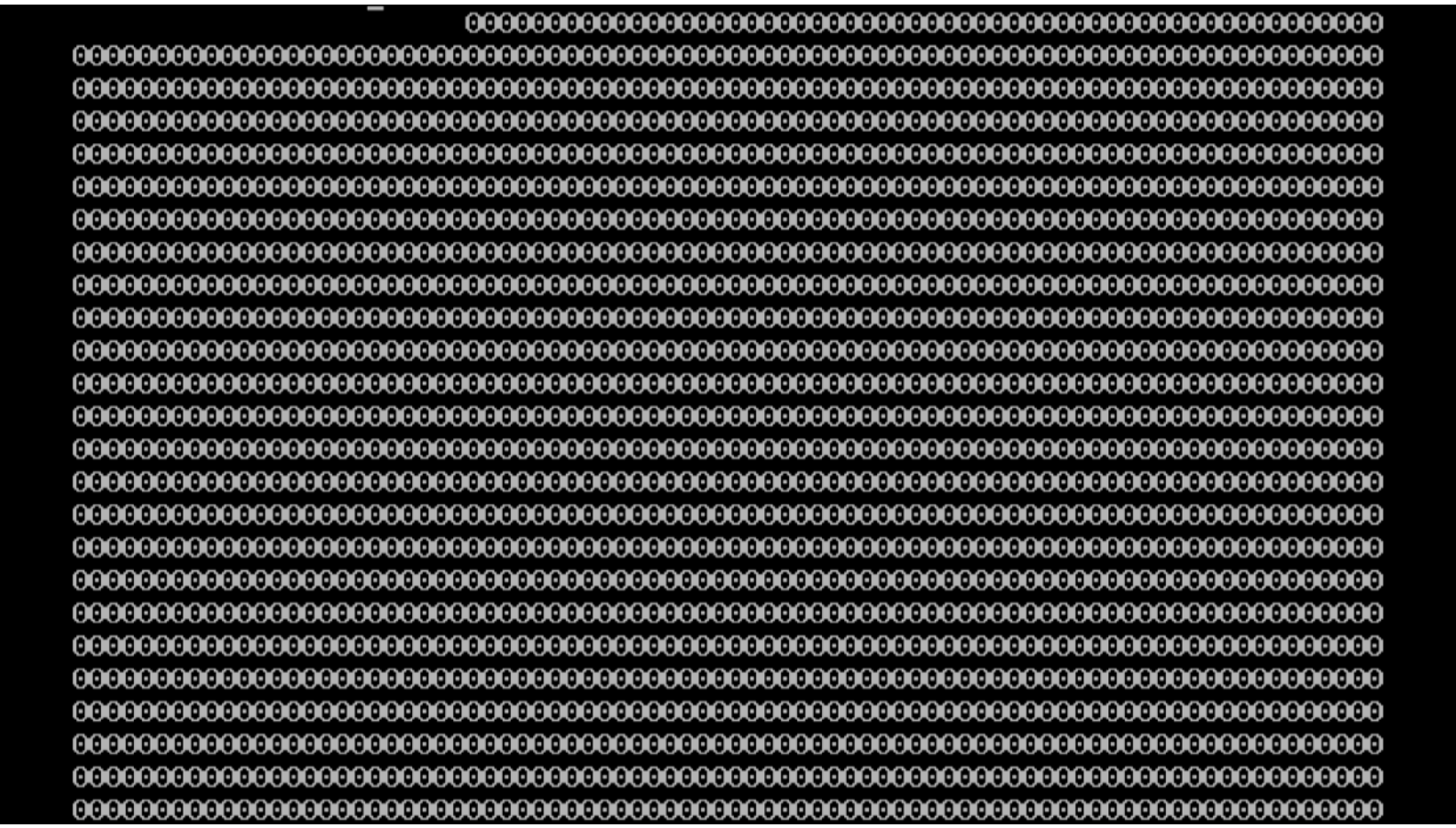
```
enter the base value: 2
enter the power value: 2
pow: DOMAIN error
2 to the power of 2 is=33_
```


File Edit Search Run Compile Debug Project Options Window Help
SARAN.C
#include<stdio.h>
int main
{
int i;
static int count;
for(i=NULL;i<=5;)
{
count++;
i+=2;
}
print("%d",count);
}
Message
Compiling SARAN.C:
•Error SARAN.C 3: Declaration syntax error
F1 Help Space View source Edit source F10 Menu


File Edit Search Run Compile Debug Project Options Window Help
SARAN.C
#include<stdio.h>
char*call(int*,float);
int main()
char*string;
int a=2;
floatb=2.01;
char*(*ptr)(int*,float*);
ptr=&call;
string=(*ptr)(int*,float*);
ptr=&call;
string=(*ptr)(&a,&b);
printf("%s",string);
return 0;
}
char*call(int*i,float*j)
Message
Compiling SARAN.C:
Error SARAN.C 4: Declaration syntax error
Error SARAN.C 6: Type name expected
Error SARAN.C 8: Type name expected
Error SARAN.C 8: Type mismatch in redeclaration of 'ptr'
F1 Help Space View source Edit source F10 Menu


File Edit Search Run Compile Debug Project Options Window Help
GRADE.C
#include<stdio.h>
void main()
{
int marks;
printf("enter marks: ");
scanf("%d",&marks);
if(marks<0||marks>100)
{
printf("wrong entry");
}
else if(marks>50&&marks<70)
{
printf("grade C");
}
else if(marks>70&&marks<90);
{
printf("grade B");
}
else
{
printf("grade A");
1:7
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
NONAME00.CPP
#include<stdio.h>
int main()
{
const int var=10;
var = 15;
printf("var=%d\n",var);
return 0;
}
Message
Compiling NONAME00.CPP:
Error NONAME00.CPP 5: Cannot modify a const object
F1 Help Space View source Edit source F10 Menu



```
enter the number: 3
3 prime number is: 5
```

```
enter a stringSarAn
uppercase=2lowercase=3
```