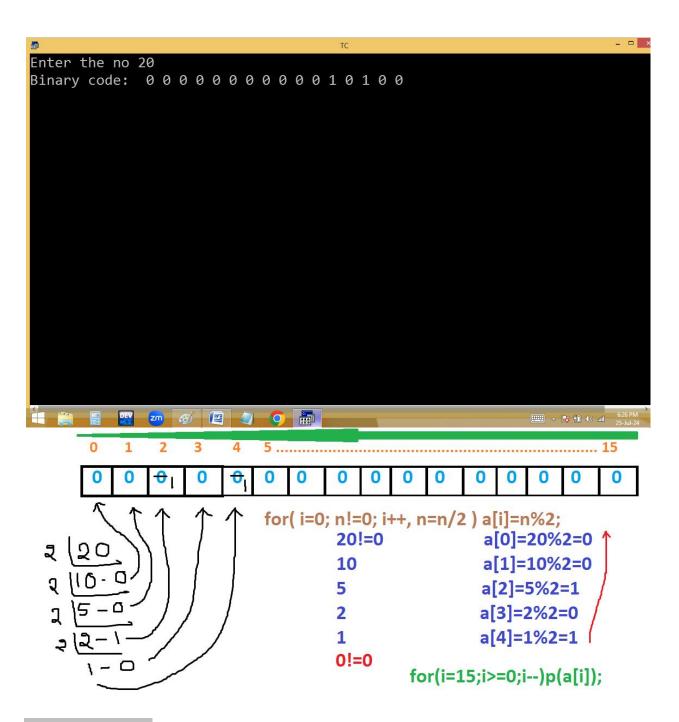
#### **Decimal to binary conversion:**

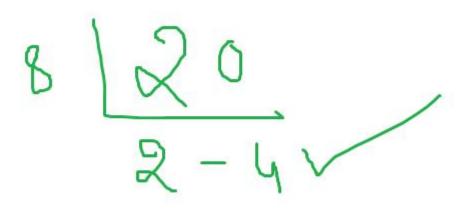
```
File Edit Run Compile Project Options Debug Break/watch
Line 2 Col 1 Insert Indent Tab Fill Unindent * E:6PM.C

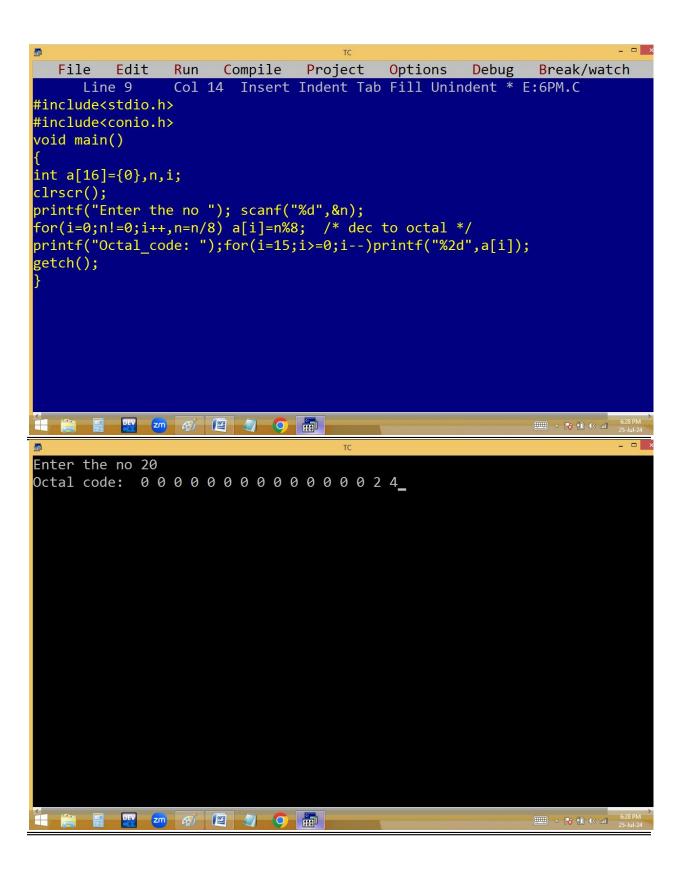
#include<stdio.h>
#include<conio.h>
void main()
{
int a[16]={0},n,i;
clrscr();
printf("Enter the no "); scanf("%d",&n);
for(i=0;n!=0;i++,n=n/2) a[i]=n%2; /* dec to bin */
printf("Binary code: ");for(i=15;i>=0;i--)printf("%2d",a[i]);
getch();
}

### Printf("### April 10 April 10
```

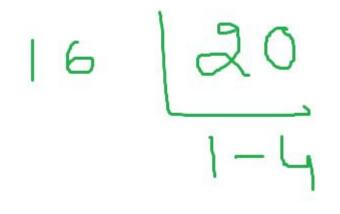


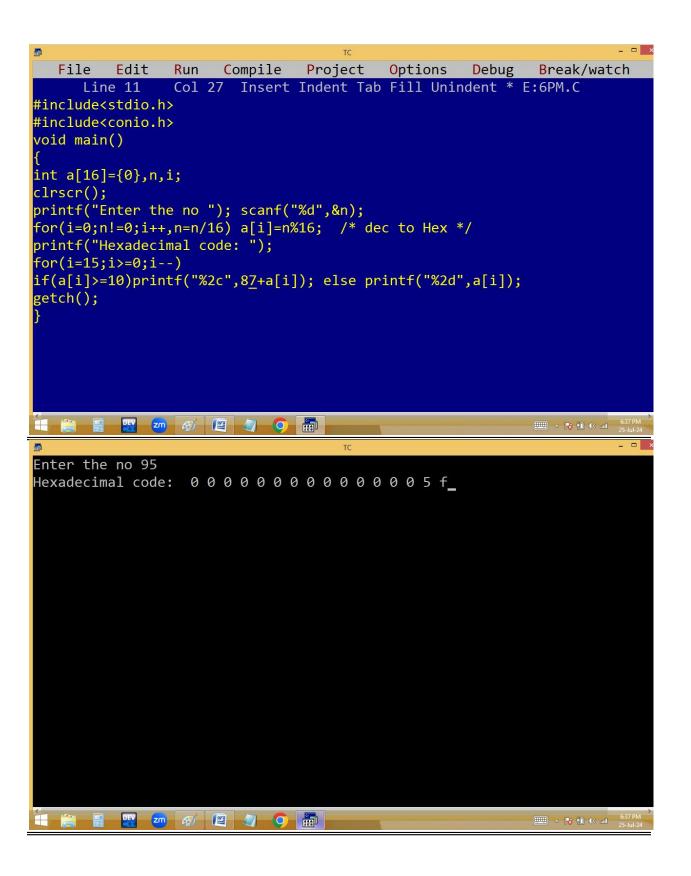
**Decimal to Octal:** 

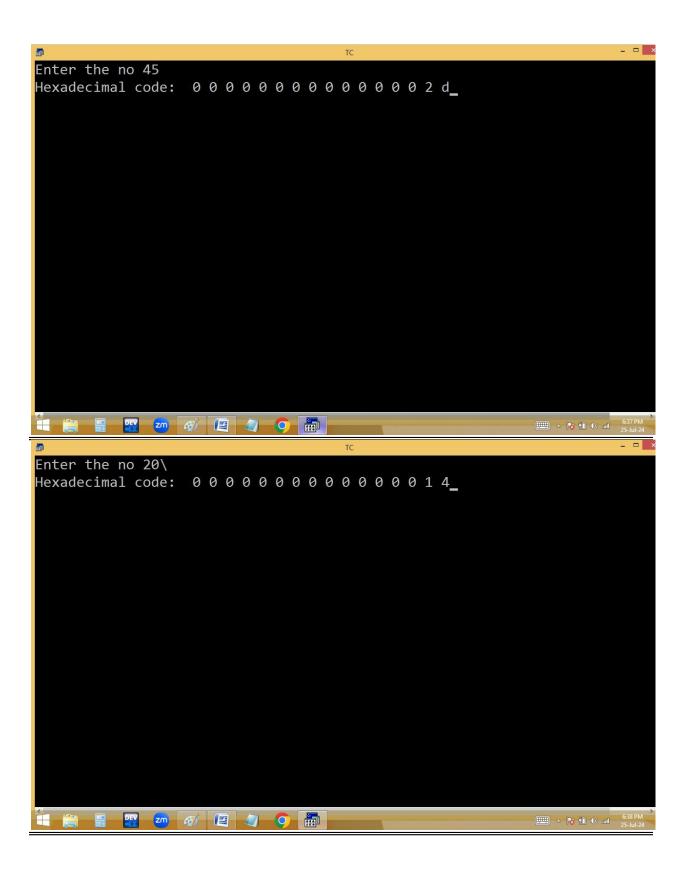




## **Decimal to hexadecimal:**

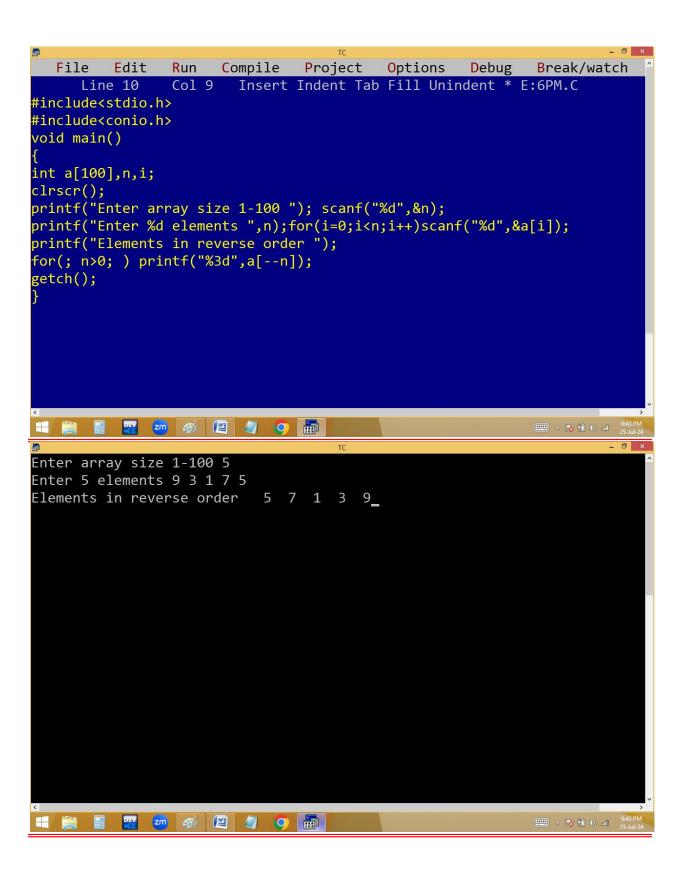


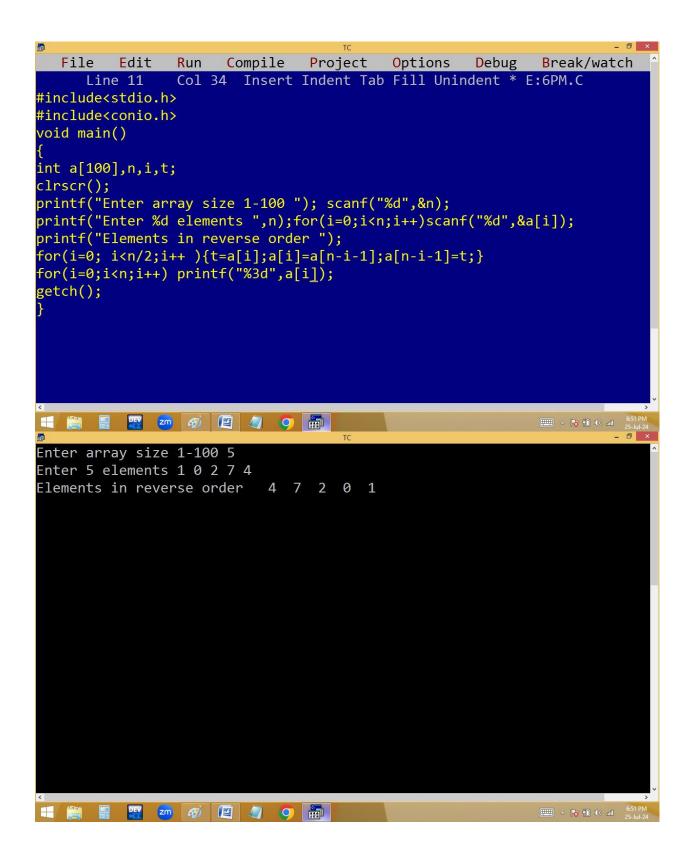




## **Arranging array elements in reverse order:**

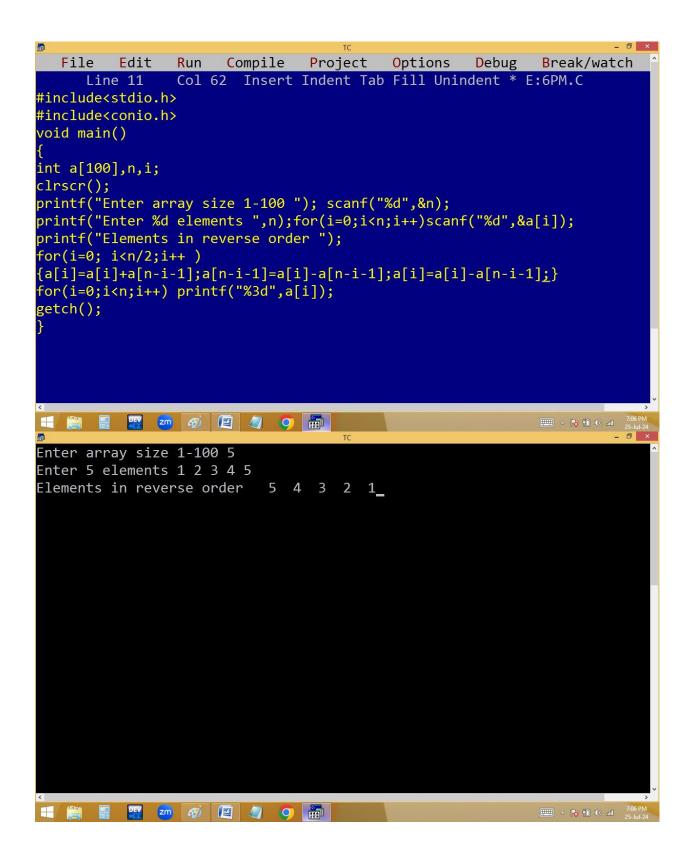
**Temporary printing:** 

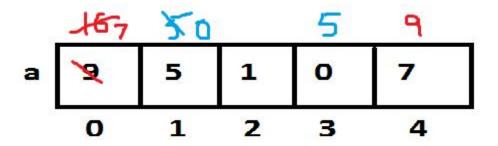




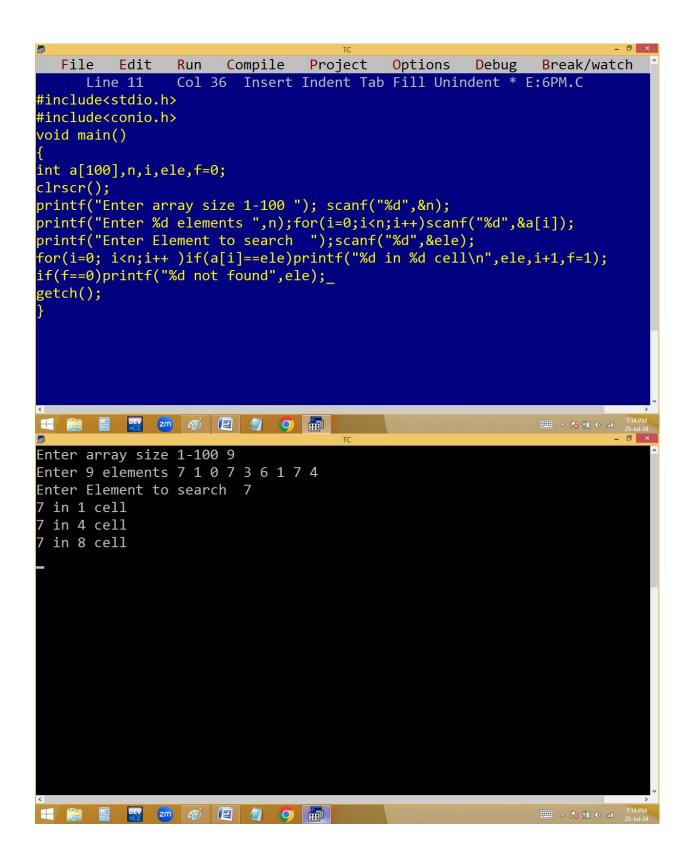
```
- 0 ×
Enter array size 1-100 6
Enter 6 elements 1 2 3 4 5 6
Elements in reverse order 654321
          PR 2m 89 PR 49 9 FF
                                                         6:52 PM
                                                            5
                                                            0
                                                                 7
           2
   for(i=0; i<n/2;i++)
   int t=a[i];
   a[i]=a[n-i-1];
   a[n-i-1]=t;
   }
```

Without using 3<sup>rd</sup> variable:





# Linear search:



```
Enter array size 1-100 5
Enter 5 elements 1 2 3 4 5
Enter Element to search 9
9 not found
```

### **Finding index:**

```
Compile Project Options Debug Break/watch
  File Edit
               Run
               Col 65 Insert Indent Tab Fill Unindent * E:6PM.C
     Line 10
#include<stdio.h>
#include<conio.h>
void main()
int a[100],n,i,ele,f=0;
clrscr();
printf("Enter array size 1-100 "); scanf("%d",&n);
printf("Enter %d elements ",n);for(i=0;i<n;i++)scanf("%d",&a[i]);
printf("Enter Element to search ");scanf("%d",&ele);
for(i=0; i<n;i++ )if(a[i]==ele)printf("%d in a[%d] cell\n",ele,i,f=1);
if(f==0)printf("%d not found",ele);
getch();
Enter array size 1-100 7
Enter 7 elements 1 2 3 4 1 5 6
Enter Element to search 1
1 in a[0] cell
1 in a[4] cell
```

for(i=0;i<5;i++)

if(a[i]==e) p("%d in %d cell\n",e, i+1,f=1);

a 9 5 1 0 7

o 1 2 3 4

if(f==0)p(ele not found);

$$\frac{\gamma_1}{5} = \frac{1}{6} = \frac{1}{6}$$

### Finding nth occurrence of given array element:

