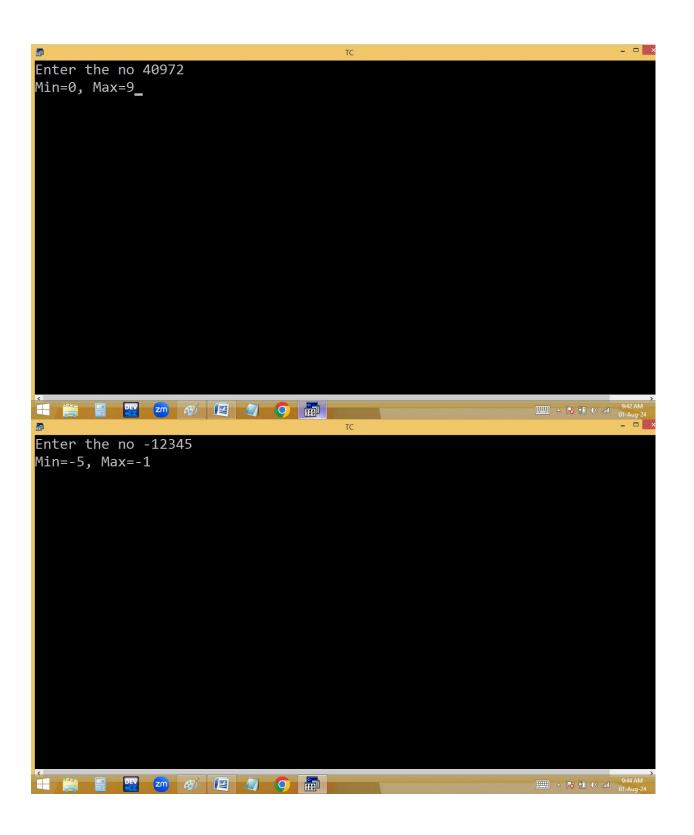
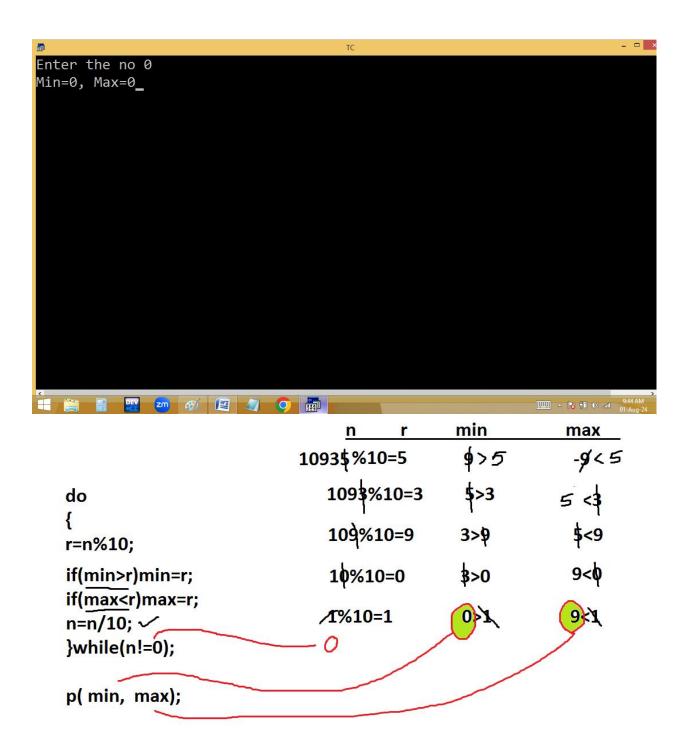
Finding max, min digits of given no.

Eg: 20923 -> 9 max, 0 min

```
_ 🗆 ×
 File Edit Run Compile Project Options Debug Break/watch
    Line 14 Col 35 Insert Indent Tab Fill Unindent * E:9AM.C
#include<stdio.h>
#include<conio.h>
void main()
long n; int r, max=-9, min=9;
clrscr();
do
r = n\%10;
if(min>r)min=r; if(max<r)max=r;</pre>
n=n/10;
}while(n!=0);
printf("Min=%d, Max=%d",min, max);
getch();
                                                _____ ^ * 10 (h) and 01-
Enter the no 12345
Min=1, Max=5
  9:42 AM
01-Aug-24
```

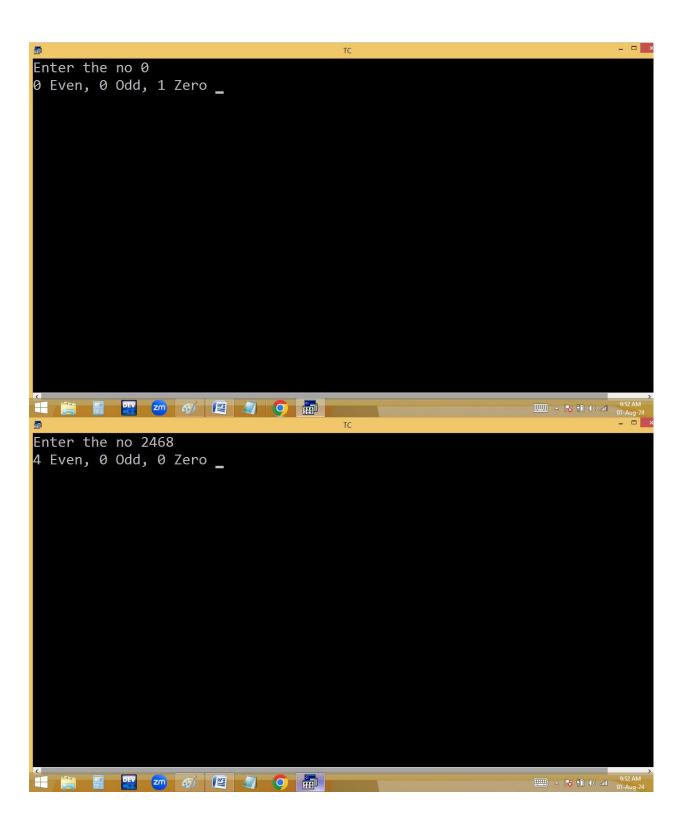


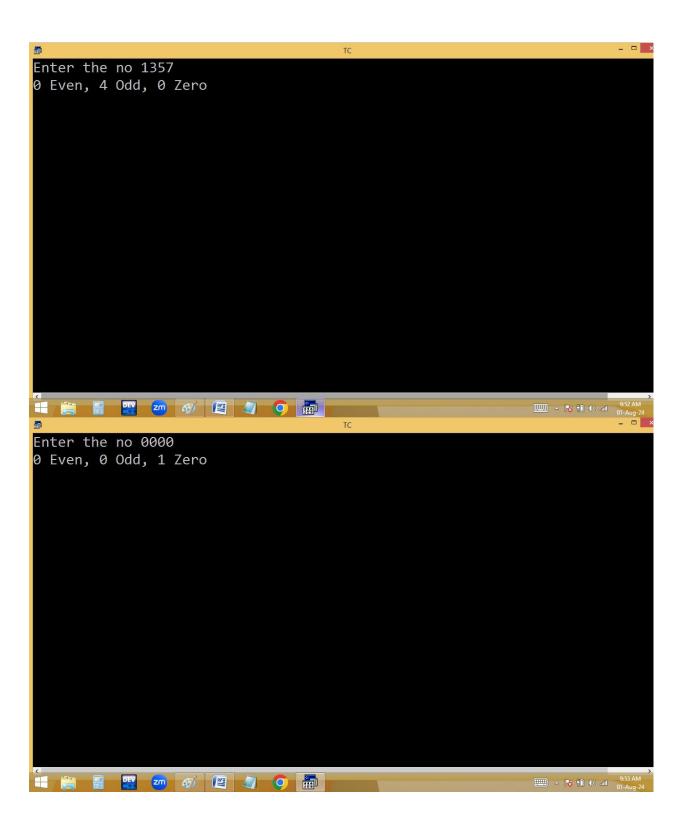


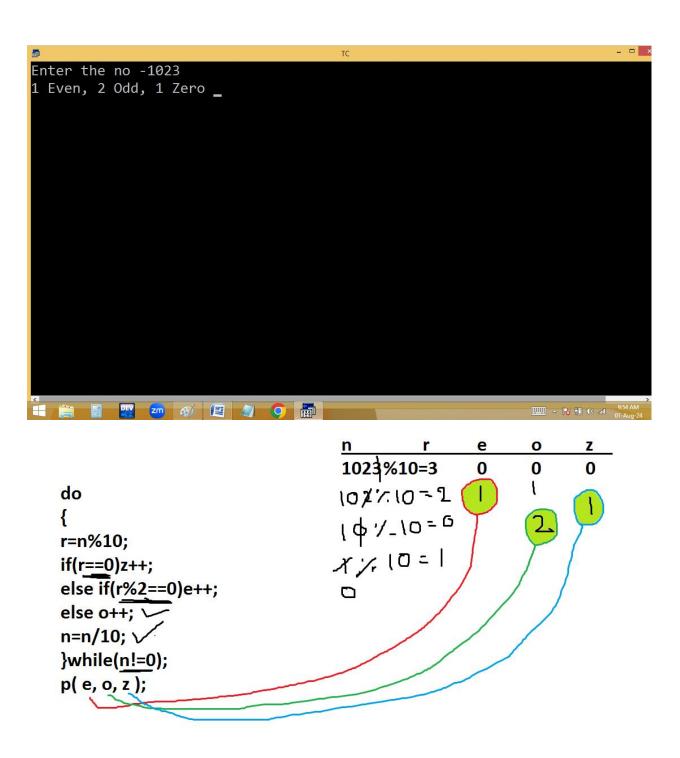
Finding no of even/odd/zero digits in given no

Eg: 1023 -> 1 even, 2 odd, 1 zero

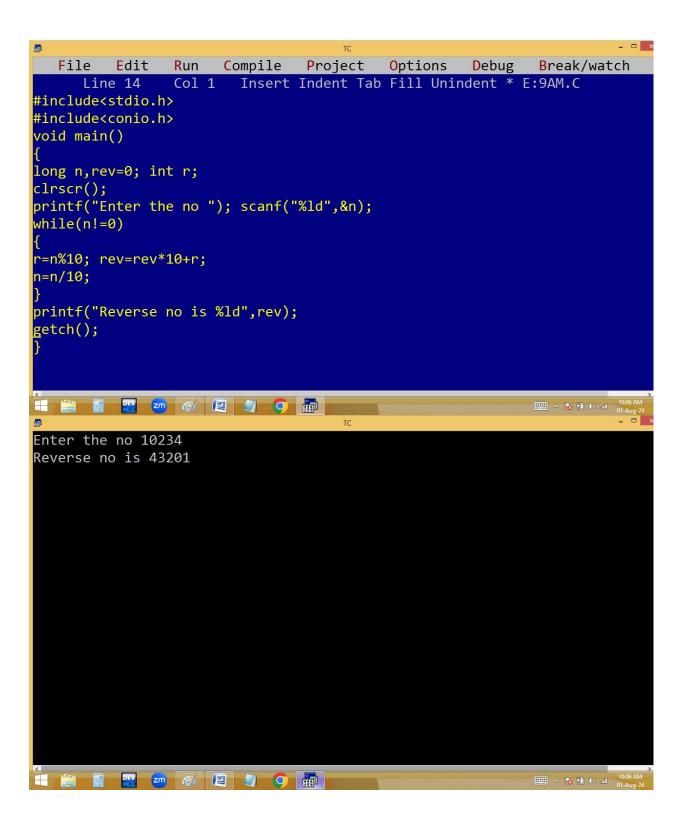
```
_ 🗆 ×
 File Edit Run Compile Project Options Debug Break/watch
     Line 14 Col 42 Insert Indent Tab Fill Unindent * E:9AM.C
#include<stdio.h>
#include<conio.h>
void main()
long n; int r, e,o,z;
clrscr();
printf("Enter the no "); scanf("%ld",&n); e=o=z=0;
do
r=n%10;
if(r==0)z++;else if(r%2==0)e++; else o++;
n=n/10;
}while(n!=0);
printf("%d Even, %d Odd, %d Zero ", e,o,z);
getch();
- To The Add On-
Enter the no 102030
1 Even, 2 Odd, 3 Zero
  9:52 AM
01-Aug-24
```

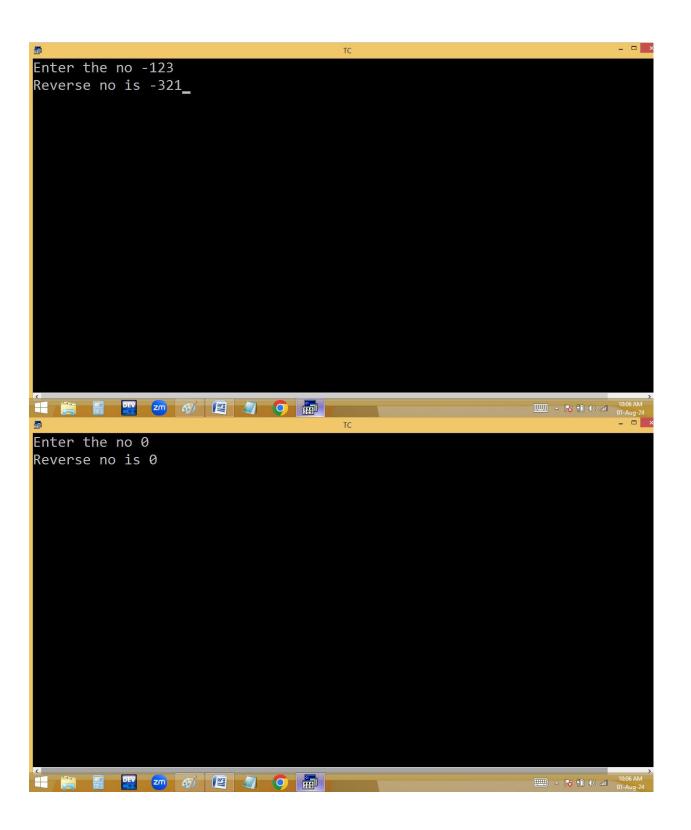






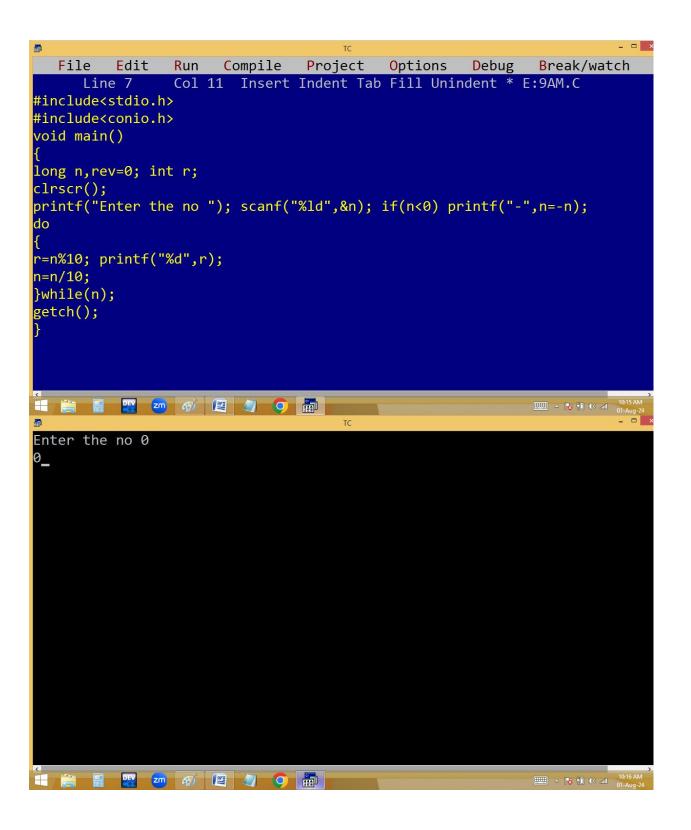
Reverse no:

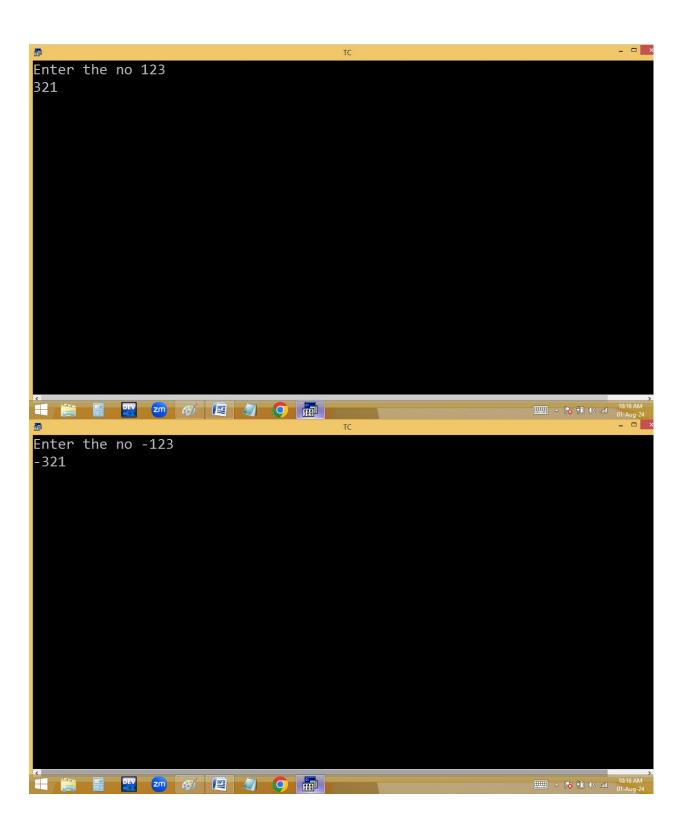


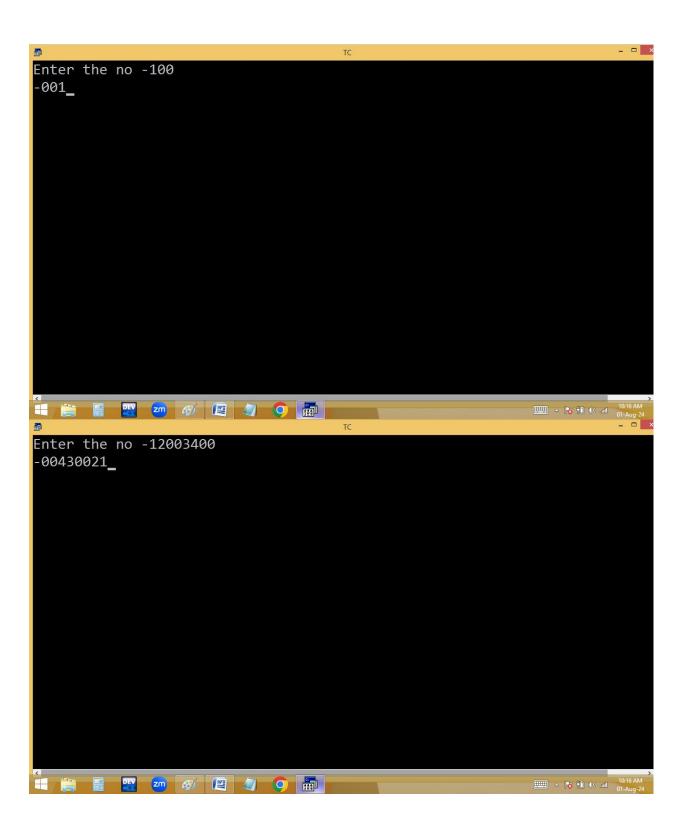


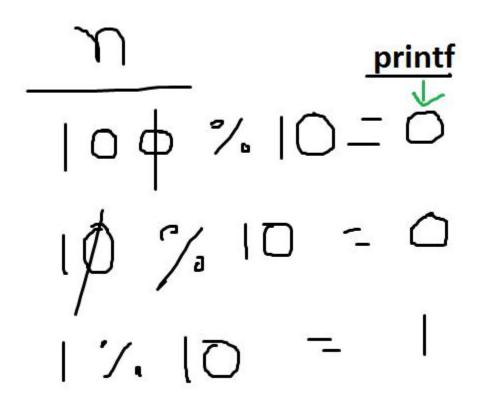
```
_ 🗆 ×
  Enter the no 100
   Reverse no is 1_
△ 😿 🗓 (b) add 10:07 AM 01-Aug-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ¥e√
                                                                                                                                                                                                                                                                                                         17 $\frac{1}{\lambda} \quad \frac{1}{\lambda} \quad \quad \frac{1}{\lambda} \quad \quad \frac{1}{\lambda} \quad \quad \frac{1}{\lambda} \quad \q
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2×10+7:27
                                                    while(n)
                                                                                                                                                                                                                                                                                             -11/10=7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              27×10+1=271
                                                                                                                                                                                                                                                                                         · / / (o = |
                                                     r=n%10;
                                                     rev=rev*10+r;
                                                     n=n/10;
                                                p( rev );
```

Method2:

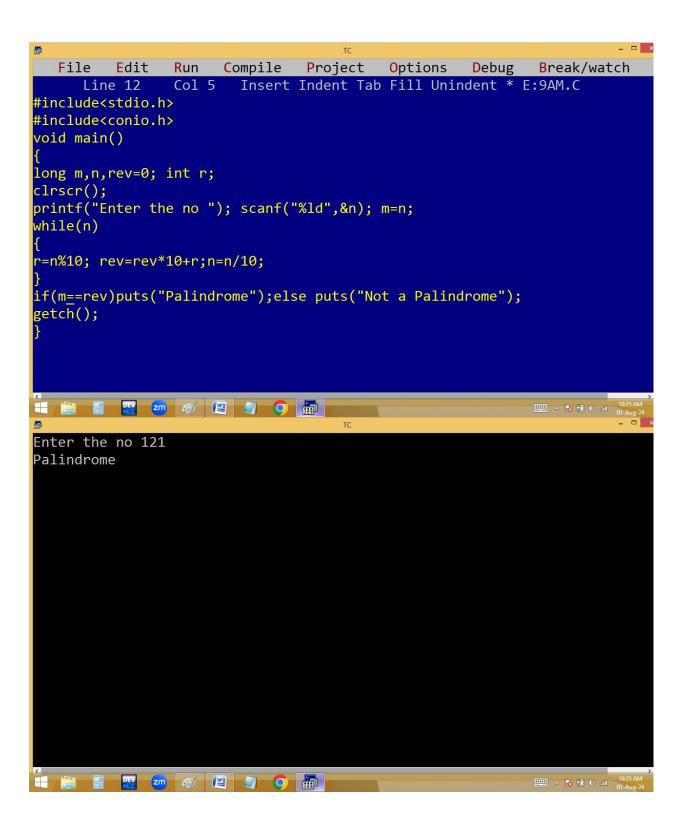


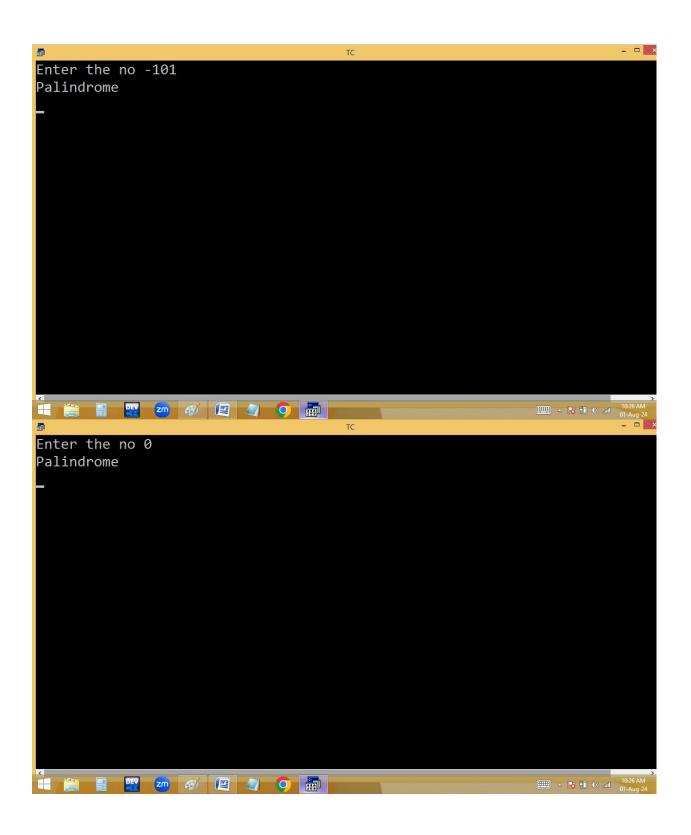


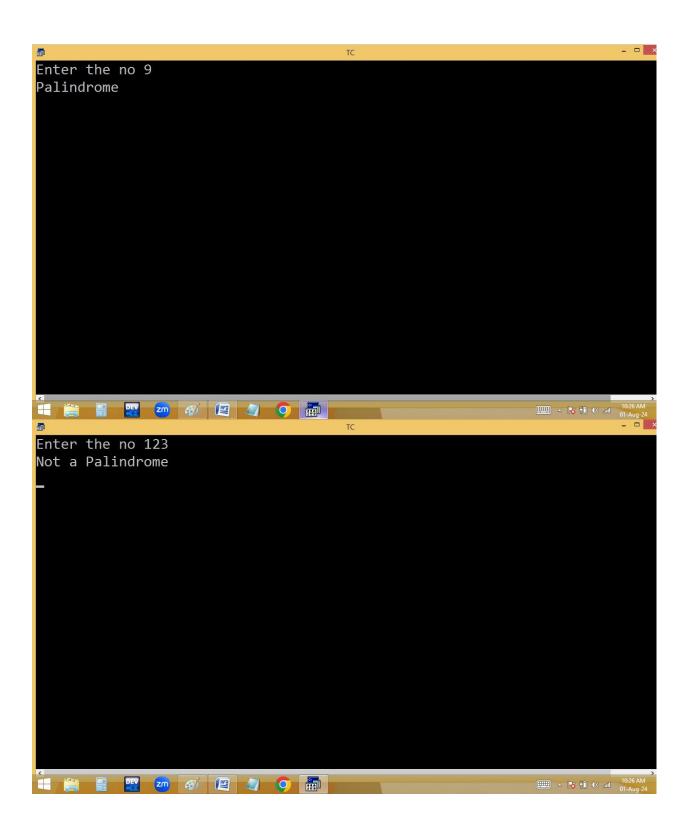




Finding palindrome no 121 reverse 121





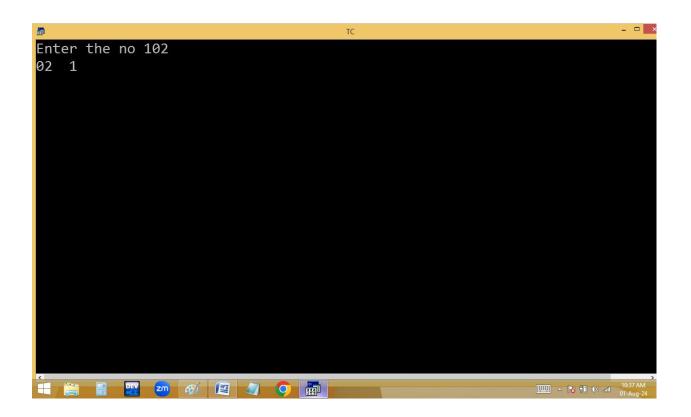


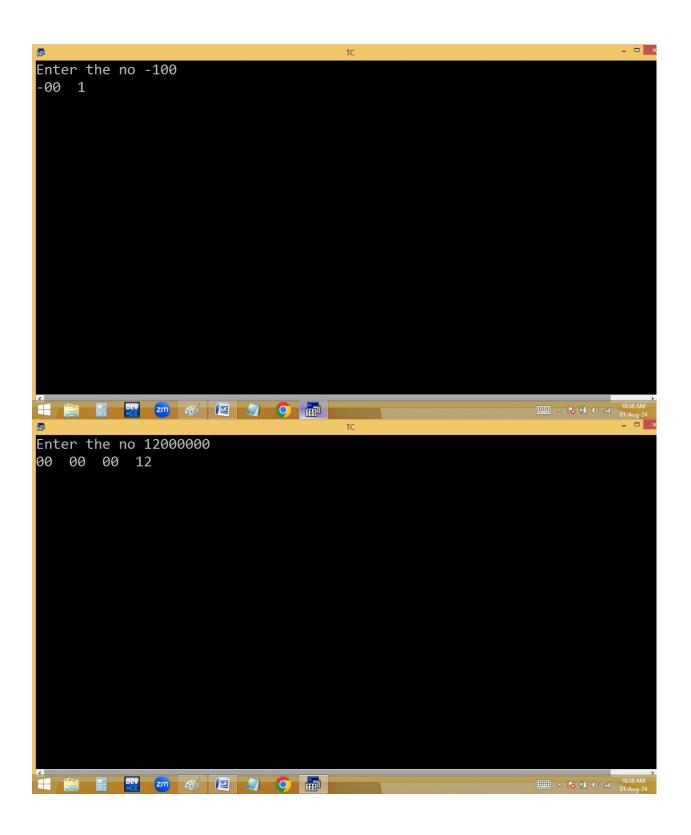
Printing the below output.

12345678 → 78 56 34 12

```
File Edit Run Compile Project Options Debug Break/watch
Line 7 Col 68 Insert Indent Tab Fill Unindent * E:9AM.C

#include<stdio.h>
#include<conio.h>
void main()
{
long n;
clrscr();
printf("Enter the no "); scanf("%ld",&n); if(n<0) printf("-",n=-n);
do
{
if(n>9&&n%100<10)printf("0");
printf("%d ",n%100); n=n/100;
}while(n!=0);
getch();
}
```





Home work:

- 1. Finding the given digit position.
- **20174** → **1** position is 3rd
 - 2. $102 \rightarrow$ One Zero Two
 - 3. Finding Armstrong no

1 is a single digit no
$$\Rightarrow$$
 1¹ = 1
9 is a single digit no \Rightarrow 9¹ = 9
153 is a 3 digit no \Rightarrow 1³ + 5³ + 3³ = 1 + 125
+ 27 = 153

370, 371, 407, 1634, 8208,...

1634 is 4 digit no \rightarrow 1⁴ + 6⁴ + 3⁴ + 4⁴ = 1634