Test

1)
```c
#include <stdio.h>
void main() {
        int hr, min, sec, hr_sec, min_sec, total_sec;
        printf("Enter Hours = ");
        scanf("%d",&hr);

        printf("Enter Minutes = ");
        scanf("%d",&min);

        printf("Enter Seconds = ");
        scanf("%d",&sec);

        //convert hr to sec
        hr_sec=hr*3600;

        //convert min to sec
        min_sec=min*60;

        total_sec= hr_sec + min_sec + sec;
        printf("Total sec of %dhr:%dmin:%dsec =  %dsec",hr,min,sec,total_sec);

}
```
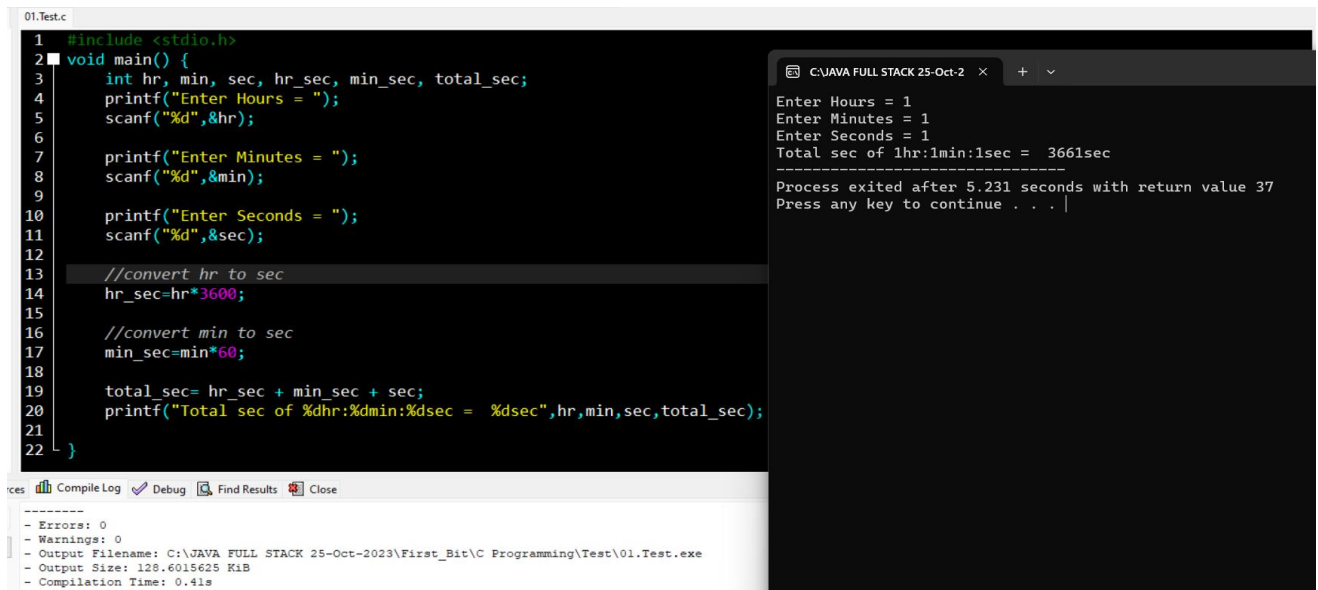

==

2).

#include <stdio.h>

```
void main (){
        int year;
        printf("Enter year = ");
        scanf("%d",&year);

        if ((year%4==0 && year%100!=0 ) || (year%400==0)) {
                        printf("%d year is Leap year",year);
        }
        else {
                        printf("%d year is NOT Leap year",year);
        }
}
```

01.Test.c 02.LeapYear.c

```
1    #include <stdio.h>
2  void main (){
3        int year;
4        printf("Enter year = ");
5        scanf("%d",&year);
6
7        if ((year%4==0 && year%100!=0 ) || (year%400==0)) {
8                printf("%d year is Leap year",year);
9        }
10       else {
11               printf("%d year is NOT Leap year",year);
12       }
13  }
```

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```
Enter year = 2016
2016 year is Leap year
--------------------------------
Process exited after 1.782 seconds with return value 22
Press any key to continue . . .
```

tes Compile Log ✓ Debug Find Results Close

```
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\JAVA FULL STACK 25-Oct
- Output Size: 128.1015625 KiB
- Compilation Time: 0.30s
```

==
3).

```
#include <stdio.h>
void main (){
        int num, num1, num2, num3;
         num = 223410;
         num1=num%10;
         printf("\n%d",num1);

         num2=num/10;
        printf("\n%d",num2);

         num3=num2%10;
```

```
        printf("\n%d",num3);

        printf("\nOUTPUT = %d%d",num3,num1);
}
```

01.Test.c 02.LeapYear.c 03.2digitNum.c

```
 1    #include <stdio.h>
 2  ■ void main (){
 3        int num, num1, num2, num3;
 4        num = 223410;
 5        num1=num%10;
 6        printf("\n%d",num1);
 7
 8        num2=num/10;
 9        printf("\n%d",num2);
10
11        num3=num2%10;
12        printf("\n%d",num3);
13
14        printf("\nOUTPUT = %d%d",num3,num1);
15    }
```

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```
0
22341
1
--------------------------------
Process exited after 0.04297 seconds with return value 2
Press any key to continue . . .
```

Compile Log   Debug   Find Results   Close

```
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- Errors: 0
- Warnings: 0
- Output Filename: C:\JAVA FULL STACK 25-Oct-2023\First_Bit\C
- Output Size: 127.931640625 KiB
- Compilation Time: 0.30s
```