rogramiz
Online Compiler

WASTEWATER MONITORING AND MANAGEMENT SOLUTIONS
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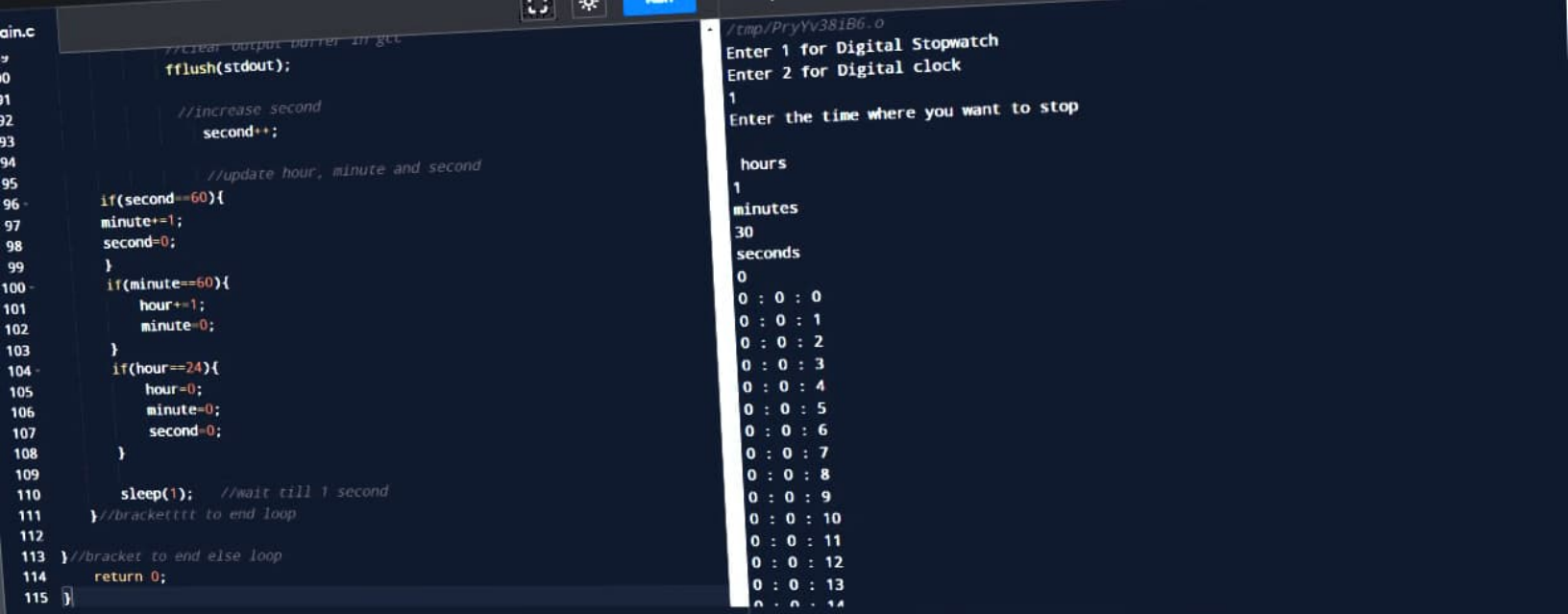
main.c

Run

```
26      scanf("%2d",&m);
27     printf("seconds\n");
28     scanf("%2d",&s);
29      s=s+1;
30    while(1)
31     {
32         if((hour!=h) || (minute!=m) || (second!=s)){
33         //clear output screen
34         system("clear");
35
36         //print time in HH : MM : SS format
37         printf("%d : %d : %d \n",hour,minute,second);
38
39          //clear output buffer in gcc
40         fflush(stdout);
41
42          //increase second
43         second++;
44
45         //update hour, minute and second
46         if(second==60){
47             minute+=1;
48             second=0;
49         }
50         if(minute==60){
51             hour+=1;
```



```
ain.c
                //clear output buffer in gcc
                fflush(stdout);

                //increase second
                    second++;

                    //update hour, minute and second
        if(second==60){
        minute+=1;
        second=0;
        }
        if(minute==60){
            hour+=1;
            minute=0;
        }
        if(hour==24){
            hour=0;
            minute=0;
            second=0;
        }

        sleep(1);    //wait till 1 second
    }//bracketttt to end loop

}//bracket to end else loop
    return 0;
}
```

```
/tmp/PryYv38iB6.o
Enter 1 for Digital Stopwatch
Enter 2 for Digital clock
1
Enter the time where you want to stop

 hours
1
minutes
30
seconds
0
0 : 0 : 0
0 : 0 : 1
0 : 0 : 2
0 : 0 : 3
0 : 0 : 4
0 : 0 : 5
0 : 0 : 6
0 : 0 : 7
0 : 0 : 8
0 : 0 : 9
0 : 0 : 10
0 : 0 : 11
0 : 0 : 12
0 : 0 : 13
```

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main.c

Run

```
74
75                  printf(" enter minute\n");
76                  scanf("%d",&minute);
77
78                   printf(" enter seconds\n");
79                   scanf("%d",&second);
80
81      while(1)
82          {
83                      //clear output screen
84                     system("clear");
85
86                    //print time in HH : MM : SS format
87                     printf("%d : %d : %d \n",hour,minute,second);
88
89                     //clear output buffer in gcc
90                     fflush(stdout);
91
92                      //increase second
93                        second++;
94
95                          //update hour, minute and second
96          if(second==60){
97          minute+=1;
98          second=0;
99          }
```

main.c

```
            //clear output buffer in gcc
            fflush(stdout);

             //increase second
                second++;

                 //update hour, minute and second
    if(second==60){
    minute+=1;
    second=0;
    }
    if(minute==60){
        hour+=1;
        minute=0;
    }
    if(hour==24){
        hour=0;
        minute=0;
        second=0;
    }

     sleep(1);   //wait till 1 second
  }//bracketttt to end loop

}//bracket to end else loop
  return 0;
```

```
/tmp/4C6Ugan3oA.o
Enter 1 for Digital Stopwatch
Enter 2 for Digital clock
1
Enter the time where you want to stop

 hours
0
minutes
0
seconds
13
0 : 0 : 0
0 : 0 : 1
0 : 0 : 2
0 : 0 : 3
0 : 0 : 4
0 : 0 : 5
0 : 0 : 6
0 : 0 : 7
0 : 0 : 8
0 : 0 : 9
0 : 0 : 10
0 : 0 : 11
0 : 0 : 12
0 : 0 : 13
```

ain.c

Run

```
            //clear output buffer in gcc
            fflush(stdout);

            //increase second
                second++;

                //update hour, minute and second
    if(second==60){
    minute+=1;
    second=0;
    }
    if(minute==60){
        hour+=1;
        minute=0;
    }
    if(hour==24){
        hour=0;
        minute=0;
        second=0;
    }

    sleep(1);   //wait till 1 second
  }//bracketttt to end loop

}//bracket to end else loop
  return 0;
}
```

Output

Clear

```
/tmp/PryYv381B6.o
Enter 1 for Digital Stopwatch
Enter 2 for Digital clock
1
Enter the time where you want to stop

 hours
1
minutes
30
seconds
0
0 : 0 : 0
0 : 0 : 1
0 : 0 : 2
0 : 0 : 3
0 : 0 : 4
0 : 0 : 5
0 : 0 : 6
0 : 0 : 7
0 : 0 : 8
```

WhatsApp

Pooja
Bro don't type da

```
main.c
90                //clear output buffer in gcc
91                fflush(stdout);
92
93                //increase second
94                    second++;
95
96                    //update hour, minute and second
97          if(second==60){
98          minute+=1;
99          second=0;
100         }
101         if(minute==60){
102             hour+=1;
103             minute=0;
104         }
105         if(hour==24){
106             hour=0;
107             minute=0;
108             second=0;
109         }
110
111          sleep(1);    //wait till 1 second
112       }//bracketttt to end loop
113
114 }//bracket to end else loop
115     return 0;
}
```

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main.c

Run

```
50          if(minute==60){
51              hour+=1;
52              minute=0;
53          }
54          if(hour==24){
55              hour=0;
56              minute=0;
57              second=0;
58          }
59
60
61          }
62
63         sleep(1);
64      }
65  }
66
67
68
69  else{
70                      int hour, minute, second;
71                       printf("Enter the time from where digi clock should
                             start\n");
72                       printf(" enter hour\n");
73                       scanf("%d",&hour);
74
```

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ain.c

Run

```
                //clear output buffer in gcc
                fflush(stdout);

                //increase second
                second++;

                //update hour, minute and second
        if(second==60){
        minute+=1;
        second=0;
        }
        if(minute==60){
            hour+=1;
            minute=0;
        }
        if(hour==24){
            hour=0;
            minute=0;
            second=0;
        }

        sleep(1);    //wait till 1 second
    }//bracketttt to end loop

}//bracket to end else loop
    return 0;
}
```

Programiz
C Online Compiler

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main.c

Run

```c
// Online C compiler to run C program online
#include <stdio.h>
#include <time.h> //for sleep() function
#include <unistd.h>
#include <stdlib.h>

int main()
{
int n;

printf("Enter 1 for Digital Stopwatch\n");
printf("Enter 2 for Digital clock\n");
scanf("%d",&n);


if(n==1){

    int hour, minute, second;

    hour=minute=second=0;
    int h,m,s;
    printf("\n Enter the time where you want to stop\n");
    printf("\n hours\n");
     scanf("%2d",&h);
    printf("minutes\n");
     scanf("%2d",&m);
    printf("seconds\n");
```