

E:\clock.c

```
1 // C implementation of digital clock
2 #include <stdio.h>
3 #include <time.h>
4
5 // driver code
6 int main()
7 {
8     time_t s, val = 1;
9     struct tm* current_time;
10
11     // time in seconds
12     s = time(NULL);
13
14     // to get current time
15     current_time = localtime(&s);
16
17     // print time in minutes,
18     // hours and seconds
19     printf("%02d:%02d:%02d",
20           current_time->tm_hour,
21           current_time->tm_min,
22           current_time->tm_sec);
23
24     return 0;
25 }
26
```