

Arman Noorali
Lab10-In lab

```
#include<stdio.h>

//function declaration

void split_time(long, int*, int*, int*);

int main(){

    int n, hr = 0, min = 0, sec = 0;

    printf("Enter Seconds : ");

    scanf("%d", &n);

    //check if entered seconds is -ve, do nothing

    if(n < 0) {

        printf("Seconds cannot be -ve, Please enter non negative value");

    }

    else{

        //calling split_time function

        split_time(n, &hr, &min, &sec);

        printf("Converted format: %d hour %d mins %d secs", hr, min, sec);

    }

    return 0;

}

//split_function definition

void split_time(long total_sec, int* hr, int* min, int* sec){

    int remaing_sec = 0;

    //3600 secs in 1 hour

    *hr = total_sec/3600;

    //total_sec mod 3600 will give remaining seconds
```

```
remaing_sec = total_sec%3600;  
  
//60 secs in 1 min  
  
*min = remaing_sec/60;  
  
//remaing_sec mod 60 will give remaining seconds  
  
*sec = remaing_sec%60;  
  
}
```