CSC3320 System Level Programming
Lab Assignment 10 - (In-Lab)

Purpose: Learn how to use the pointers in a C function.

The following program **splitTime.c** is used to split a time in seconds into the equivalent time in hours (0-23), minutes (0-59), and seconds (0-59), respectively. But it is incomplete. Please complete the program.

Sample output:

```
Enterseconds:2345
Converted format 0 hour 39 mins 5 secs

Enter seconds:3601
Converted format 1 hour 0 mins 1 secs
```

```c
#include<stdio.h>

// Write the declaration of function split_time

int main(){
     int n,hr,min,sec;
     printf("Enter seconds:");
     scanf("%d",&n);

     /* Write the statement to call split_time */

     printf("Converted format: %d hour %d mins %d secs", /* Write
the corresponding expressions */ );

     return  0;
}

     void split_time(long total_sec, int *hr, int *min, int
  *sec){ /* Write the statements to calculate hr, min and sec
                                                           */

}
```

Submssion:

☐ Upload the C files **splitTime.c** to the folder named "**Lab 10_ InLab**" to the google

classroom.