Cuong Hoang

CSC3320 System Level Programming

Lab Assignment 10 – (In-Lab)

splitTime.c

```c
#include<stdio.h>

// Write the declaration of function split_time
void split_time (int total_sec, int *hr, int *min, int *sec);

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

/* Write the statement to call split_time */
  split_time (n, &hr, &min, &sec);

  printf ("Converted format: %d hour %d mins %d secs", hr, min, sec);
  return 0;
}

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

  (*hr) = total_sec / 3600;

  total_sec %= 3600;
  (*min) = total_sec / 60;

  (*sec) = total_sec % 60;

}
```