Problem: Implement a time-based priority queue.

Write a module to implement a queue based on time and priority. This program can be used to schedule tasks at a given time.

Rules:

Don't use any third party queue libraries

You can use list or hash libraries

Running

Pass filename & starttime as parameters to program

E.g

```
Let's say file name is "queueProcess"
Let's say input file name is "inputs_events.csv"
./queueProcess input_events.csv  "2017/02/10 4:59"
```

Input:

Input to the program will be a file containing all the events in CSV format.

```
event_name, time_to_expire , priority
"Task_#501", "2017/02/10 5:01"
"Task_#500", "2017/02/10 5:00"
"Task_#500", "2017/02/10 5:00" , 1
```

Note: Priority is an optional field.

Output:
-- After 1 minute --

```
Current time [ 2017/02/10 5:00  ] , Event "Task_#500" Processed
Current time [ 2017/02/10 5:00  ] , Event "Task_#500" Processed
```
-- After another 1 minute --
```
Current time [ 2017/02/10 5:01  ] , Event "Task_#501" Processed
```

[Problem Link](#)