**Winter 2016 - Cmpt 103**

**Section 41 - Lab 6 mark sheet**

\*\*\* Marked e-mailed version \*\*\*

**Student name:** Metehan Dagsuyu  **Total: 96 marks**

**Programming style: [6 marks]**

* Many of the variables are not written use the underscore approach. For instance, secondsLeft instead of seconds\_left or totalSeconds instead of total\_seconds. Students are expected to use the underscore approach in the lab: **-1**
* Good code spacing and comments throughout

**Question 1: add\_label** **[9 marks]**

* You should explain in the purpose or in a comment why you have the condition ‘if y > 90: text.setSize(36)’.

**Question 2: add\_button**  **[7 marks]**

* add\_label is not called to add a label to the button: **-2**

**Question 3: is\_clicked**  **[0 marks]**

**Question 4: add\_entry** **[9 marks]**

**Question 5: flash** **[9 marks]**

**Question 6a: convert\_to\_seconds** **[10 marks]**

* Function header for convert\_to\_seconds: **-1**
  + The syntax and the return value both begin with ‘totalSeconds =’ as that is what is returned.
  + The purpose should mention it converts a ‘clock time from mmm:ss to total seconds’ rather than just ‘time into seconds’.
  + The parameter timeMid should explain that the time is in ‘MMM:SS’ format.
* Good error checking on the parameter: **+2**

**Question 6b: convert\_to\_clock** **[8 marks]**

* Function header for convert\_to\_clock: **-1**
  + The parameter should be explained more (ie. secondsLeft – **int** object: total amount of seconds left on the clock)
  + The syntax and the return value both begin with ‘secondsLeftClock =’ as that is what is returned.
  + It would be helpful to clarify that clock time is of the form "mmm:ss

**Question 7: main**  **[38 marks]**

* Function header for main:
  + The purpose should mention this is a countdown timer.
* Window on startup is not drawn properly:
  + Does not title the window ‘Countdown Timer’ but rather ‘Lab6’: **-0.5**
  + Does not create the label for ‘Time (MMM:SS)’ so it is centered at (150, 25). It is centrered at (150, 20): **-0.5**
* Excellent work!