

Task 5.3D – Answers

Question #1:

<https://youtu.be/WjPeA--GiG0>

Question #2:

https://github.com/Goolog/Morse_GUI

Question #3:

To test the system, I first of all made sure that the LED switched on and off when it was told to. Most of the code that does this was already written but in C++. Therefore, the code was already tested, it just needed to be ported into Python. To test to see that I had that all the morse code combinations for all the letters were correct, I inputted them all into the morse code window and got the system to blink each letter. I also made sure it worked correctly with sentences (particularly to see if it handled the spacing between each word correctly). This was simply done by keeping track of what letter it was up to and checking to see if it went straight to the next letter instead of halting execution.