PART 1)

A screenshot of a computer

AI-generated content may be incorrect.

PART 2)

Modular programming could be used to add several functionalities to the code of this assignment. The main ones would be: creating a dictionary with all letters converted to their morse code equivalent so that any letter can be translated; Ask the user to add his own input so that the LED pattern is interactive with the user; input validation to ensure the user can’t crash the system.

PART 3)

https://github.com/guilhermezica/SIT210

PART 4)

https://youtube.com/shorts/HZlKUTc16A0