

COMP8049 – Embedded Systems Engineering

Lab 2

Completion Date: 18th of November 2023

Value: 8 marks

The attached game directory contains a basic “game” code for the versatilepb board. Modify the code so that:

- a) The user can use keys such as s,d,e and w to move the defender. The defender should not go over the boundaries of the screen.
- b) When the user moves left the defender icon should change to face left and when moving right the defender icon should face right.
- c) If the fire hits any of the landers then that lander should be removed from the game. The fire moves horizontally across the screen either to the left or to the right depending on the direction that the defender is facing.