Lab 11 Process/ Thread Synchronisation

Q1

Run the sample code given in class: Explain, in detail the code and how it gives the output after running each program. (do not forget to *–lrt* in the command line when compiling semaphores code)

Q2

Modify the wait and signal.c program so that thread 2 and thread 3 will execute 5 times each and thread 1 will increment the counter by 20 when it is equal to 6. Run the program and ensure you understand the output.

Q3 (

Using the sample wait\_signal.c or your modified version comment out the mutex\_unlock() function and rerun the program: what is the output: Can you explain why?