CPSC 457 Bader Abdulwaseem

Question 1

- a) If the stages are not parallelized, the CPU can only do 9.091e7 instructions per second on average
- b) With parallelization, the CPU cycle will take as long as the longest stage, which is the fetch unit at 8 nsec. Therefore, the CPU will now do 1.25e8 instructions per second

Question 2