Task2:

Task3: The results are in line with what we expected as the use of an in-line assembler cuts down on the number of operations significantly over a push/pop assembler. This means that the run time when assembled with ‘asm2’ was significantly shorter (0.75s average) when compared to ‘asm1’ (2.60s average). The tests were run with 300 iterations and a max value of 4500.