

*Date:* 2017/03/07

*Student ID:*

*Name:*

A 2.5GHz CPU takes 1M clock cycles to execute a program. Calculate the CPU time for the program.

CPU Time = CPU Clock Cycles  $\times$  Clock Cycle Time

$$= \frac{\text{CPU Clock Cycles}}{\text{Clock Rate}} = \frac{1\text{M}}{2.5\text{GHz}}$$