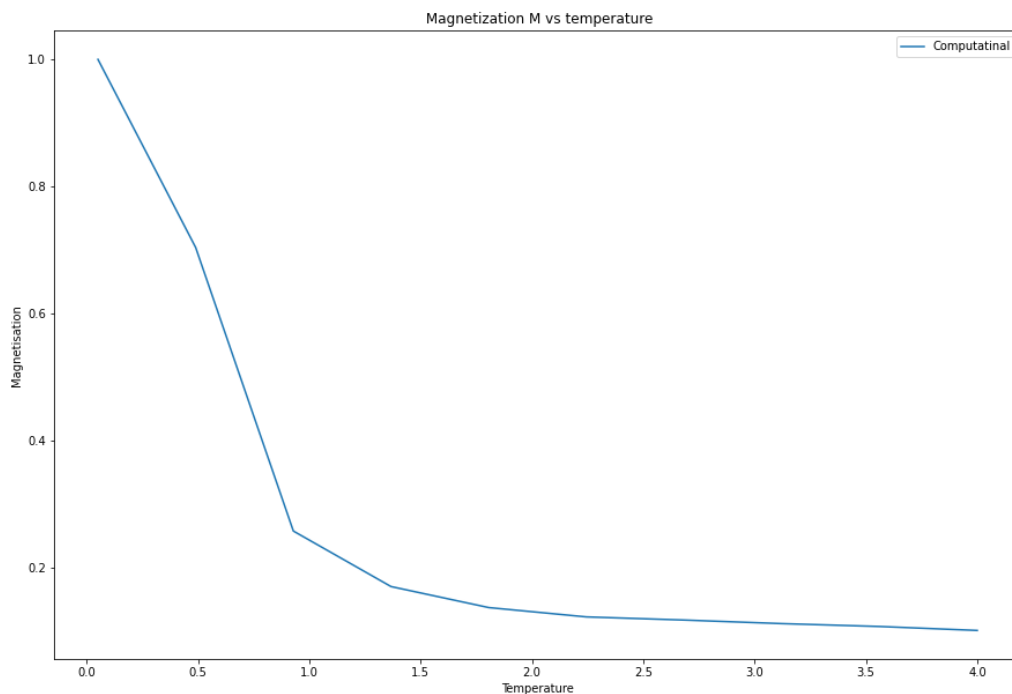


Question 7

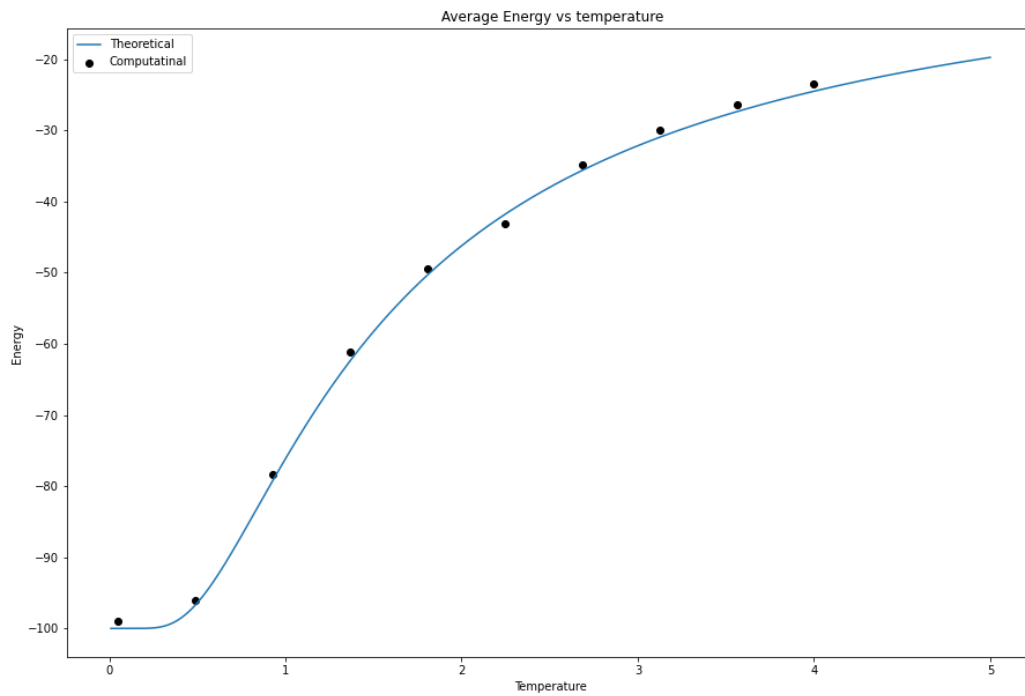
The various plots to feature the Ising Model are as follows:

Magnetisation vs Temperature



As clearly inferred, the magnetisation property of a substance decreases with a increase in temperature

Energy vs Temperature



The total energy of a substance increases with the increase in temperature of the substance.