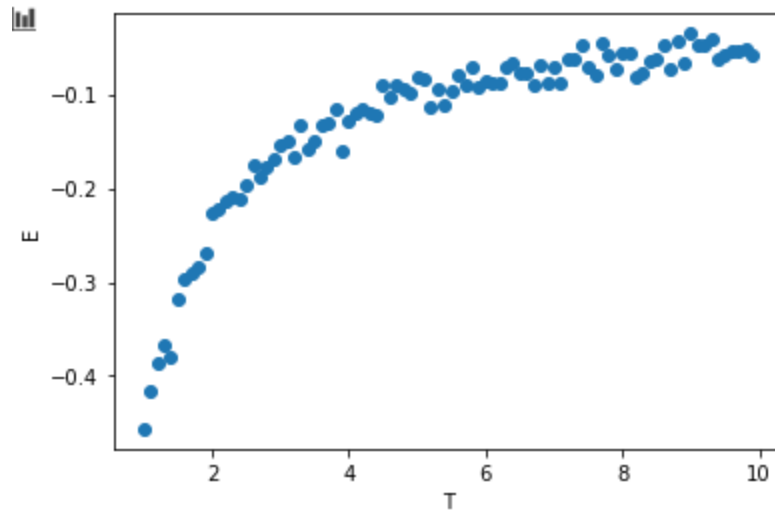
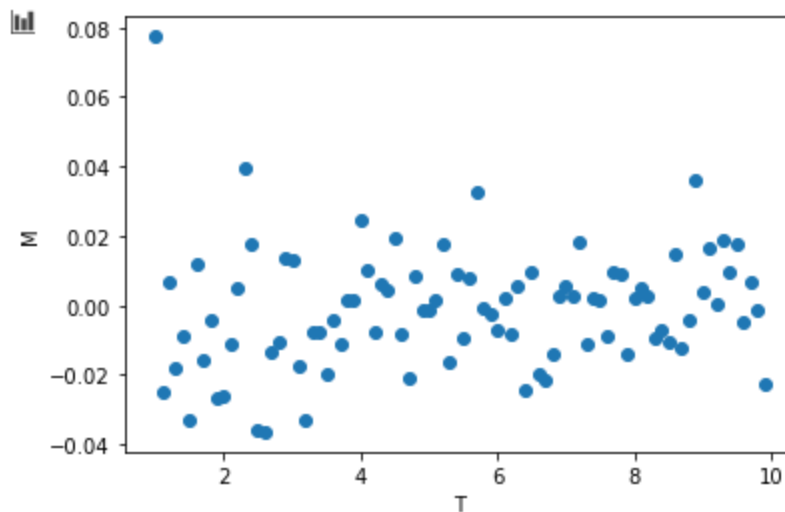


# Report - 7



Energy vs temperature plot



Magnetization vs temperature plot

Both the plots are as expected. The energy grows with temperature according to a logarithmic function, and the magnetization stays nearly constant around 0. This is because there is no external magnetic field and on average the sum of the spins of all the particles will be 0.