Using heisenbergModel.py

- 1. Make sure all libraries listed in requirements.txt are satisfied
- 2. Store heisenbergModel.py in current directory then use, import heisenbergModel
- Create heisenbergModel object and specify variables,
 x = heisenbergModel(N,exchange,mcSteps,heisenberg, magneticField, plotBool, monteCarlo)
 - N (int): Number of particles
 - Exchange (int): determines magnetism of lowest energy configuration (>0:AFM,
 <0:FM)
 - mcSteps (int): Number of Monte Carlo steps, initialized as zero
 - heisenberg (Bool): Determines Heisenberg or Ising model, initialized as True (True:Heisenberg, False:Ising)
 - magneticField(arr): Components of applied magnetic field initialized as None
 - plotBool(Bool): Determines whether visual representation of final lattice is saved, initialized as False
 - monteCarlo(Bool): Detemines whether plot of Monte Carlo Energies is calculated, initlaized as False. WARNING: Much higher computation time if True
- 4. We can now run simulations in all implemented dimensions by calling the corresponding method and inputting shape of the lattice if applicable: x.onedimension(), x.twoDimensions([i,j]), x.threeDimensions([i,j,k]) (Product of (i,j) or (i,j,k) must be equal to N)