Molecular Mechanics project

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The program will be divided into three modules.

- The **Atom** module
  - Subroutine to read/ store the input data
  - Creates the atom type
  - declaring the parameters in data block
- The **Energy** module
  - Total energy function/subroutine which calculates the total energy
  - Functions/subroutines to calculate the contributions to the total energy
- The **Minimalization** module
  - Moves the configuration to calculate a new energy position
  - Checks the energy difference between old and new value
  - Terminates if multiple iterations of no energy difference are achieved