**Instructions for the Installation and Use of this Program**

1. Connect to Server
   1. Download and install PuTTY
   2. Use PuTTY to Connect to the Remote Server
   3. Select the desired working directory
2. Clone the SPITE and Rebound repositories with the following command sequence
   1. git clone <https://github.com/WillardAndrews/SPITE.git>
   2. git clone <https://github.com/hannorein/rebound.git>
   3. cd rebound make
   4. cd ..
   5. ln -s ./rebound/librebound.so ./SPITE/librebound.so
   6. export LD\_LIBRARY\_PATH=`pwd`'/rebound/src'
3. Download and Data from Nasa Exoplanet Archive
   1. Go to <https://exoplanetarchive.ipac.caltech.edu/cgi-bin/TblView/nph-tblView?app=ExoTbls&config=planets>
   2. Select Download Table with the correct options
      1. CSV Format
      2. Download All Columns
      3. Download All Rows
      4. Values only (no errors, limits, etc.)
   3. Save the file in the SPITE directory
   4. Do **NOT** change the name of the file from “planets.csv”
4. Boot Matlab
   1. Run the command line executable to Boot Matlab
5. Generate Mex Executable
   1. Configure and run the matlab script GenerateMex as described in the function description
6. Run Simulations
   1. Run the matlab script ExoplanetTableReader
   2. Open the matlab script “RunSims”
   3. Select the number of test cases to evaluate for each system to be ranked
   4. Select the systems to evaluate with by entering their indices as described in the comments
   5. Run the script