Abaqus and other commercial FE codes will report the progress of an analysis. Abaqus uses what is called a STATUS file and two examples are listed below.

Example STATUS file output for Homework 5/7, which is a simple linear problem.

Example STATUS file output for Homework 5/7, which is a simple linear problem.

Example STATUS file for a nonlinear material in a contact problem (see figure).

Example STATUS file for a nonlinear material in a contact problem (see figure).