Truss (5 pts)
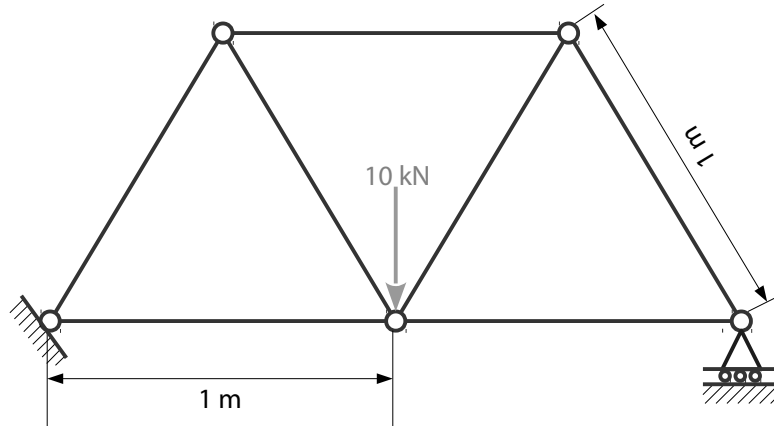
A classical problem in structural mechanics is the arrangement of trusses and solution of the resulting stress and displacement fields. Abaqus provides a good tutorial reviewing how the product operates, including several points we were unable to expand upon in class. For this assignment, you will complete one of these tutorials based on this geometry.

Open the Abaqus help browser by selecting *Menu Bar→Help→Search and Browse Guides....* A selection of available documents and tutorials will appear in your browser. Select *Tutorials→Getting Started with Abaqus: Interactive Edition* to open this tutorial. Navigate to *2.3 Example: creating a model of an overhead hoist* in the left-hand outline of the tutorial, and complete sections 2.3.1–2.3.12 of the exercise. For credit for this assignment, submit the resulting `inp` and `rpt` files to the TA and instructor.