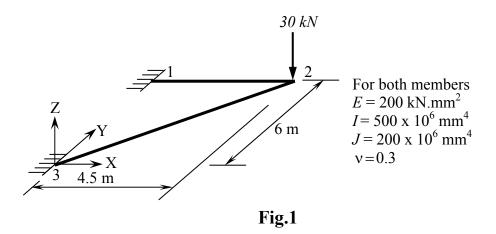
## CE317Department of Civil Engineering, IIT Bombay<br/>Structural Mechanics –IITutorial 8

1. Using stiffness method find joint deflections, member end forces, and reactions for the Grid shown in **Fig. 1** 



2. Using stiffness method find joint deflections, member end forces, and reactions for the Beam-Truss shown in **Fig. 2**. Use material and geometric properties from Fig.1 and I/A=3000mm<sup>2</sup>

