Lab 1: 01/28/04
Introduction to femlab

1. Setup your Account

2. Run through the introductory example on the following pages.

3. Play around with the program: refine the mesh, try out the plotting options ...

4. Now let us exploit symmetry of the problem. Think of a way to simplify the problem. Solve the simplified problem.

5. Using the simplified problem try to refine the mesh to improve the solution of the flux.

6. Finally plot the temperature T and flux q with proper annotations.