These are just exercises, do not hand them in as homework.

- 1. For tutorial step-3:
 - (a) Follow the instructions in "Modify the type of boundary condition" in the description of the tutorial.
 - (b) Now also do "A slight variation of the last point" but use the value -0.5 for the boundary with indicator 1.
 - (c) Change the setup in b) to have f = 0.
 - (d) Switch to an L-shaped domain, experiment with a combination of Dirichlet and Neumann boundary conditions.
 - (e) Bonus: Do "Convergence of the mean". Can you see the order h^2 ? Increase the polynomial order (you need to increase all orders of the quadratures in the program!) and check the convergence of the mean now.