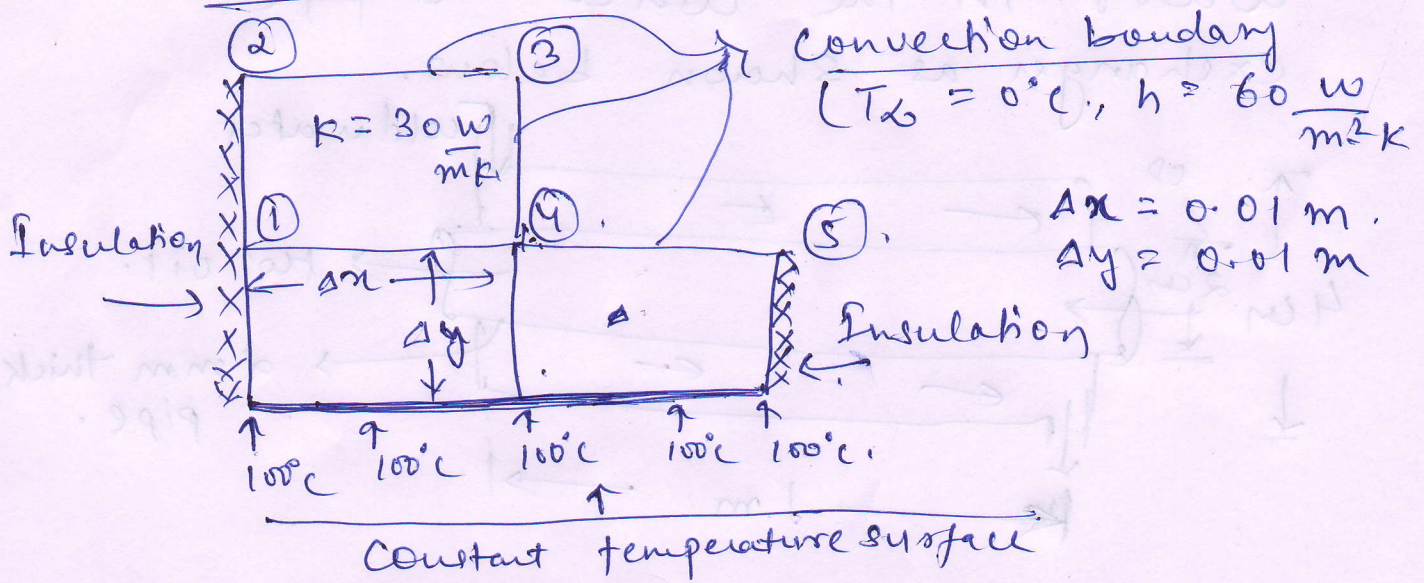


Tutorial - 9

Q. 2-D transient heat problem



- Develop the finite-difference formulation for each of the 5 nodes above.
- Establish the stability criteria.
- Take equal mesh size in x & y direction, ($\Delta x = \Delta y = 0.01 m$).