**Assumptions**

2D in, Incompressible, Steady with the Boussinesq Approximation (Buoyancy) applied as an additional body force.

**Parameters**

**Continuity**

**X - Momentum**

**Y - Momentum**

**Conservation of Energy**

**Boundary Conditions**

**Dimensionless Governing Equations, Scaling Terms**

**Continuity, Dimensionless**

**X – Momentum, Dimensionless**

**Y – Momentum, Dimensionless**

**Conservation of Energy, Dimensionless**

**Boundary Conditions, Dimensionless**