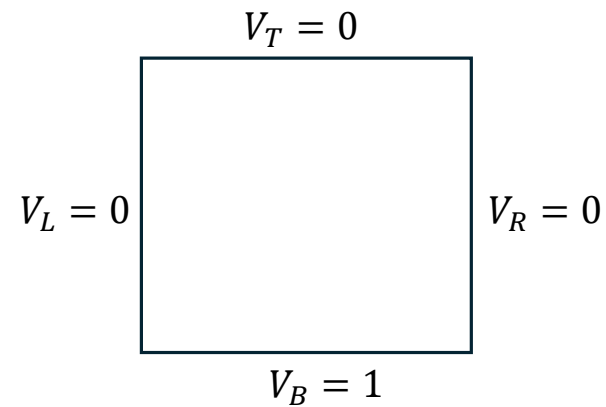


Activity 12

Directly solve the Laplace equation, $\nabla^2 V(x, y) = 0$, using a 100×100 grid representing a square region with the following boundary conditions:



Plot a heatmap of the potential V .