

# One- and Two-Dimensional Poisson's Equation

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CIS 410/510 Final Presentation  
8<sup>th</sup> June 2020

# Outline

1. One dimensional model
  - ▶ Equation
  - ▶ Discretization
  - ▶ Matrix formulation
2. Two-dimensional approach
  - ▶ Equation
  - ▶ Discretization
  - ▶ Matrix formulation
3. Code samples
4. Results
  - ▶ One dimensional with convergence tests
  - ▶ Two dimensional with error analysis

# Minipage Example

minipage 1

minipage 1 part 2

