* Introduction
  + Mandelbrot set (with figure)
  + Monte carlo for area estimation
  + Problem: Find ways to achieve a higher convergence rate and compare methods.
* Methods:
  + Mandelbrot set generation
  + Monte carlo method
  + Determining i
  + Investigating convergence
  + Random number generation
  + Latin hypercube sampling
  + Orthogonal sampling
  + Additional method (TBD)
  + Tools
* Results
  + Mandelbrot set
  + Influence of i on convergence
  + With fixed i, influence of s on convergence (compare sampling methods)
  + Investigate accuracy of s?
* Discussion
  + Why did the latin hypercube and orthogonal sampling work?
  + Discuss results of additional method.
* References
* Appendix