Presentation 1

The goal of the presentation is to explain Newton's Method for finding a zero of a continuous function. A good starting point is to read the entry on "Newton's Method" at www.wikipedia.org. Your presentation should include

- A description of Newton's method (both pictorially and with equations).

- An explanation of why it works.

- A description of when Newton's method works.

- At LEAST one of

  - The history of Newton's method
  - At least one other method for finding a zero to an arbitrary continuous function.
  - Connections to Spider Graphs and Discrete Dynamical Systems.

You should also feel free to expand on the above in any directions you would like (so long as they are related to the topic).

If you have any questions regarding the presentation feel free to e-mail your TA or Dr. Ackerman.