

Visualizing Complex Functions

Milestone 2

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Milestone 2:

- Have a working dummy GUI
- Set up a website for later use
- Have a basic working Parser for entered functions
- Have 1 simple function and 1 pattern to implement
 - Simple Function: 5^z-3
 - Pattern: Point-to-Point

Milestone 2 Matrix

Task	Completion	Paul G	Branden D	Bradley W
Set Up Website	100%	10%	80%	10%
Dummy GUI	70%	60%	10%	30%
Functions and Patterns	100% 1 Function, 1 Pattern	30%	40%	30%

Process

- Applet receives input string
- Applet sends string to parser class
- Parser parses function and stores a stack of that function
- Applet calls an evaluate function
- The Eval function returns a point
- The point is given back to Applet
- Applet draws points based on function

Milestone 3 Goals

- Input Field
- 3 Functions
- Vertical Stripe Pattern
- Horizontal Stripe Pattern

Milestone 3 Matrix

Task	Paul G	Branden D	Bradley W
Input Field	25%	25%	50%
Functions	40%	30%	30%
Stripe Patterns	40%	20%	40%
Finish GUI	30%	30%	40%



Demo

Applet

Parser

Questions?

