Matlab Tutorial

CS131 Fall 2016
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Agenda

1. Setup

2. Matlab Basics

3. Vector & Matrix

4. Control flow

5. Image processing

6. Demo

Environment Setup

1. Matlab license
Campus license at $70 (one year)
https://uit.stanford.edu/service/softwarelic/student/matlab

Student license at $99
https://www.mathworks.com/academia/student_version/

2. Matlab at Stanford
FarmShare
https://web.stanford.edu/group/farmshare/cgi-bin/wiki/index.php/MATLAB
Recommends VNC (all platforms)

Workstations on campus
Tech Lounge, Green library, etc.

3. Octave
Free download (compatible with Matlab)
https://www.gnu.org/software/octave/download.html
Image package
http://octave.sourceforge.net/image/