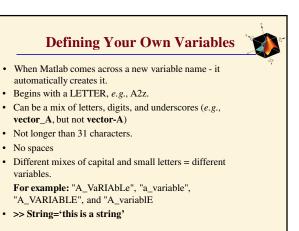
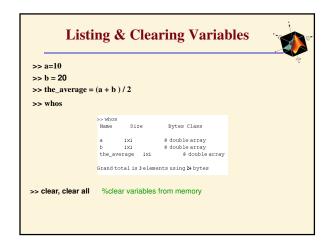
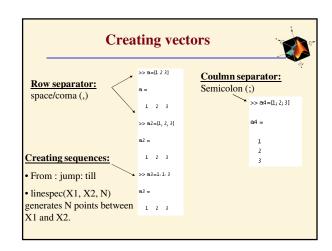
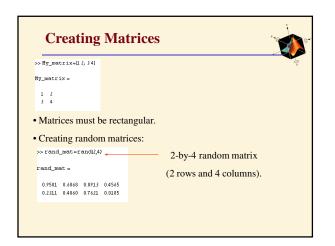


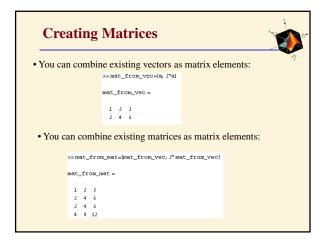
Creating Variables Matlab as a calculator: >>2+5 >>7*10+8 >>5^2 'ans' - "answer", used in MATLAB as the default variable.

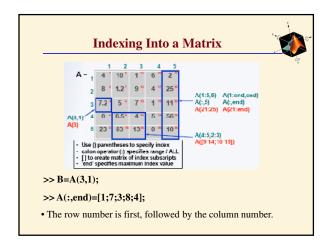


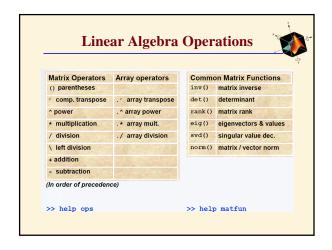


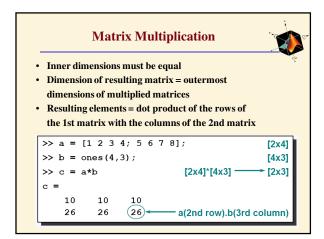


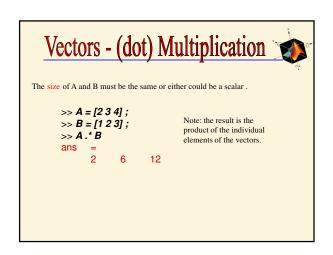












Arrays can be constructed from built-in Matlab functions (see Pratap pp. 70-71) >> A = eye(3) (eye(n) constructs an n x n "identity" matrix) A= 1 0 0 0 1 0 0 0 0 1 >> A = ones(3,2) (ones(m,n) constructs an m x n array of 1's) A= 1 1 1 1 1 1 1 >> A = zeros(2,3) (zeros(m,n) constructs an m x n array of 0's) A= 0 0 0 0 0 0