

How to define different variables

How to index vectors/matrices

Subvectors. Submatrices

How to assign new values

Ask the user for an input

Numeric

String

Disp/fprintf

Save/load data files

Element-wise vector/matrix operations

Where to use a "." operator

Easy

Solving a system with left division

Plotting

Logical operators

Logical indexing

Vector and matrix

Built-in Matlab functions

rand, randi, size, length etc.

Moderately Easy

Branches

If/else statements

Nested if/else statements

Moderate

Loops

For loops

While loops

Nested loops

If/else inside a loop/nested loop

Moderately Hard

Iterative solutions using loops

User-defined functions

Hard (Not in midterm 1)