CSCI 130 Introduction to Engineering Computing Class Meeting #24



Engineering Computing and Problem Solving with Matlab

> Matlab graphs with animation Structured programming in Matlab



Structured programming in Matlab							
In Matlab code, there are similar programming structures to VBA. VBA's structures are superior, but you can accomplish much of the same with Matlab code.							
Operator Precedence [left-to-right, override with ()]							
Arithmetic operators	Relational operators	Logical operators					
٨	== ~= [not equal]	& [AND]					
unary – (negation)	<	[OR]					
*/	>	~ [NOT]					
u +-	<=						
	>=						
higher precedence							















Multi-alternative If "If-Then-Elself"	
Example:	<pre>if x < 0 f = sqrt(-x); elseif x < 10 f = sqrt(x); elseif x < 100 f = log(x); else f = log10(x); end Note: the else part is optional and doesn't need to be there if there is no else consequence</pre>



















