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COSC 4153

Assignment #2

**MATLAB EBNF for matrices**

**matrix**

matrix ::= “[“ , [number-phrase | matrix] , “]”

number-phrase ::= number {‘,’ number-phrase} ;

number ::= [-] digit {digit} [.{digit}]

digit ::= “0”|“1”|”2”|”3”|”4”|”5”|”6”|”7”|”8”|”9”

**magic( arg )**

arg ::= digit {digit}

digit ::= “0”|“1”|”2”|”3”|”4”|”5”|”6”|”7”|”8”|”9”