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$A > 10$  is a matrix, consisting of zeroes and ones, indicating which elements are greater than 10. The elements that meet the condition are identified by ones and those that do not meet the condition are identified by zeroes.

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(1965-2007) MOX - Politecnico di Milano  
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`zeros(3) zeros(3,4) diag([1 4 6 10])` You can  
use built in matrices and ranges to build  
up a bigger matrix by separating columns

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by a space and rows by a semicolon:  $A =$   
 $[\text{zeros}(3) \text{ ones}(3)]$   $A = [\text{magic}(3); \text{ones}(3)]$   $A$   
 $= [\text{zeros}(3) \text{ ones}(3); \text{magic}(3) [1:3; 2:4;$   
 $3:5]]$  2.6.5 Matrix operations.

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and Scientific Computing with

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Prof. Mani Mehra, Prof. Vivek K.

Aggarwal | IIT Delhi In the first week of this course, an introduction to Matlab is introduced with hands on Matlab software. In the subsequent weeks, topics will be introduced followed by hands on to write the Matlab code of the same topics.

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summary of core features: a powerful N-  
dimensional array

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Scientific Computing with MATLAB and  
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