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| **Date** | **Material** | **Home Work** |
| **Sunday 15-11-1436 H** | MATLAB lecture which will cover:MATLAB desktop environment (command window, workspace window, command history window, current folder window),variables, operations,definition of algorithms, definitionof computerprograms, introductionto M-files. | 1. Some calculations

on the command window.1. Create an M-file.

Deadline:The tutorial lecture on Sunday 22-11-1436H |
| **Sunday 22-11-1436 H** | MATLAB lecture which will cover:M-file function that returns a singleresult, calling a function, relationaloperations (>,<,==,…), logicaloperations (||, &&,..),If statements, while statements,The ‘fprintf’function, the ‘feval(.,.)’function. | 1. Create an M-file

Function that uses if andwhile statements.Deadline:The tutorial lecture on Sunday 21-12-1436H |
| **Sunday 26-1-1436 H** | MATLAB lecture which will cover:Matrix operations (array multiplication “.\*”, matrixmultiplication, addition,and subtraction), inverse of amatrix, matrix transpose, solving linear systems, determinantof a matrix, plottingfunctions in 3D (ezmesh, ezsurf). | 1. Perform some matrix

calculations.1. Plot a surface

in 3D.Deadline:The tutorial lecture on Sunday 4-2-1436H |