

Digital Image Processing Laboratory. : (for year 2560)

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Lab#1 : MATLAB Primer

Date 8 Jan 2018 : Submit report on date 15 Jan 2018

1. Set up MATLAB
2. Study command line (general commands , variables define , ...) ,
M-files (script M-files , function M-files)
3. Write program (M-files) and display results for matrix operations
(define matrix by array , addition , subtraction , multiplication ,
division , transpose , summation of matrix contents , sort ,
accessing sub-matrix , ...)
4. Write program (M-files) for accessing matrix elements using
"while-loop" and "for - loop " constructs.
(compute sum of each row and each column , ...)

Remark : 1. Filename format : LAB1_XXXXXXXXX_x .zip
(xxxxx..._x is your ID)
2. write ID, Name in your header files .
3. write commend in your source code (program m file).
4. write flow chart of your program.
5. explain output from your program.
6. your file must save in form “ MS word2007
(.docx) ” and “Acrobat file (.pdf) ”.
7. Zip file is compound of m file, docx file, pdf file and
all output files.

%%%%%%%% Good Luck %%%%%%%%%