

Semester: Fall 2012

EML3035 Affidavit Sheet

Important: Each student is expected to work independently on the computer program. Offenders will be assigned a grade of *FF* for the whole course and brought to the attention of the Dean of academic affairs for further process. Check 2012-13 undergraduate catalog on academic dishonesty and disruption of academic process. I attest to the following.

I have

1. worked independently,
2. received no help on this programming assignment from anybody (other than instructor or TAs), and
3. given no help in completing the programming assignment

during Fall 2012 for the course - EML 3035 – Programming Concepts.

If I am found to be giving or receiving help, I will be assigned a grade of 'FF' for the whole course and brought to the attention of the Dean of Academic Affairs for further process. Check 2012-13 undergraduate catalog on academic dishonesty and disruption of academic process. You always have the right to appeal the decision of the instructor.

Name of the Project: _____

Dated _____

Signature _____

Name _____

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IDENTIFICATION

Autar Kaw Section 002 Fall 2012 Due Date and Time: September 9, 2012

```
clc
clear all
```

Chapter 5 - Exercise X

```
A=[2 3 4 ; 5.2 6 7; 8 9 1];
disp('A matrix')
disp(A)
B=[4 6; 78 5;1 1];
disp('B matrix')
disp(B)
C=A*B;
disp('A*B')
disp(C)
```

```
A matrix
    2.0000    3.0000    4.0000
    5.2000    6.0000    7.0000
    8.0000    9.0000    1.0000
```

```
B matrix
     4     6
    78     5
     1     1
```

```
A*B
    246.0000    31.0000
    495.8000    68.2000
    735.0000    94.0000
```

Chapter 6 - Exercise XX

```
syms t
v=t^2+log(2*t);
fprintf('Expression for velocity %s',char(v))
tt=5;
v5=double(subs(v,t,tt));
fprintf('\nValue of velocity at t= %g is = %g',tt,v5)
```

Expression for velocity $t^2 + \log(2*t)$
Value of velocity at $t = 5$ is = 27.3026

Published with MATLAB® 7.10