LAB #01 Introduction to MATLAB



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CSE-301L Signals & Systems Lab

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Section: C

"On my honor, as a student of the University of Engineering and Technology, I have neither given nor received unauthorized assistance on this academic work"

Submitted to:

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(27 Feb 2023)

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```
>> task2
x =45
y =90
ans =1
Elapsed time is 0.000071 seconds.
ans =1
Elapsed time is 0.000049 seconds.
ans =1
Elapsed time is 0.000027 seconds.
ans =1
Elapsed time is 0.000032 seconds.
ans =1
Elapsed time is 0.000038 seconds.
>>
```

Task 4	
Output:	
>> task4 Enter value for a: 25	
Enter value for b: 36	
a = 36 $b = 25$	
>> TO 1.5	
Task 5	
Output:	
<pre>>> task5 Enter the length of the a : 5</pre>	
Enter the length of the b : 3	
The length of the hypotenuse is 5.83.	

Output: >> task6					
Enter a te	mperature in Fah	renheit: 98	to 26 67 dogge	a Contiemada	
>>	ees Fahrenheit i	s equivalent	to 36.67 degree	es centigrade.	
Task 7:					

```
>> 3 5 1 6 8 2 4 9 7 0
The normalized array of 10 numbers is:
0.3333    0.5556    0 0.6667 0.8889 0.1111
0.4444    1.0000 0.7778    0
```

Task 3:

```
>> task3
Enter Grade points of LA: 3.5
Enter credit hours of LA : 3
Enter Grade points of DE : 4
Enter credit hours of DE : 3
Enter Grade points of CP : 4
Enter credit hours of CP : 3
Enter Grade points of CS-1: 2.9
Enter credit hours of CS-1 : 3
Enter Grade points of CAD : 2.5
Enter credit hours of CAD : 3
ans =
CGPA : 2.818792e+01
ans =
Differential Equation: 3.500000e+00
ans =
Differential Equation : 4
ans =
Computer Programming: 4
ans =
Circuit & systems 1: 3
ans =
Drawing & CAD : 2.500000e+00
>>
```