

IN-CLASS QUIZ

Numerical Analysis

Name: _____

Date: _____

Time Begun: _____

Time Ended: _____

Monday September 27
Ron Buckmire

Topic : MATLAB Commands

The idea behind this quiz is to give you an opportunity to demonstrate your comfort and familiarity with MATLAB.

Reality Check:

EXPECTED SCORE : _____/10

ACTUAL SCORE : _____/10

Instructions:

1. Once you open the quiz, you have **15 minutes** to complete it.
2. You may use the book or any of your class notes. You must work alone.
3. After completing the quiz, sign the pledge below stating on your honor that you have adhered to these rules.
4. Your solutions must have enough details such that an impartial observer can read your work and determine **HOW** you came up with your solution.
5. Relax and enjoy...
6. **This quiz is due on Monday September 27**, in class. **NO LATE QUIZZES WILL BE ACCEPTED.**

Pledge: I, _____, pledge my honor as a human being and Occidental student, that I have followed all the rules above to the letter and in spirit.

1. (5 points). What is the output of the following MATLAB statements?

```
>> x = 1:3;  
>> y = 3:-1:1;  
>> z = sum( x.*y - min(x)*max(y) )
```

2. (5 points) What is the output of the following MATLAB statements?

```
>> x = 32; for i = 1:4, x=x/2; end; y=x
```