# CS278 ASSIGNMENT #6: Conditional Branching & State Machines (Due 4/16)

## NAME: Aaron Borjas

**GRADE:**

|  |  |  |
| --- | --- | --- |
| **CATEGORY** | **POINTS** |  |
| **EX06\_01\_Review** |  | 10 |
| **EX06\_02\_Review** |  | 10 |
| **EX06\_03\_Filling\_Array** |  | 20 |
| **EX06\_04\_Test\_Score** |  | 30 |
| **EX06\_05\_Colors** |  | 30 |
| **TOTAL** |  | 100 |

## EXERCISES:

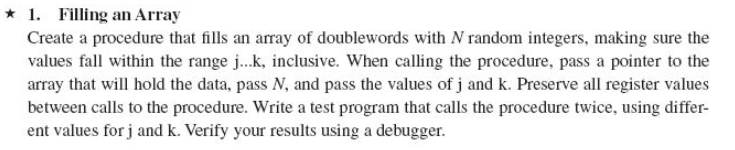
* For ALL of these exercises, you **will** **need** **the** **Debugger** to verify that your code is working correctly.
* Secondly, **your MUST document your code**. Describe the approach your code is taking, how it's doing what it's doing. Up to 5 points per problem may be deducted if you don't describe what you are doing in a way that someone else reading your code can understand what your code is doing.
* One suggestion is to document your code with the equivalent C++ syntax (e.g. if statements, for loop, etc.)
* You **MUST use indenting when writing loops** so that we can follow your code. **Make loop labels and variable labels descriptive.**

**EX06\_01\_Review –** Answer section review exercises 6.1.11. **These are in the textbook.**

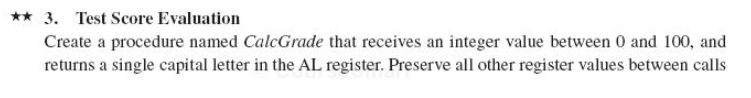
1. **true**
2. **D**
3. **C**
4. **False: not only has one operand**
5. **B**
6. **A**
7. **D**

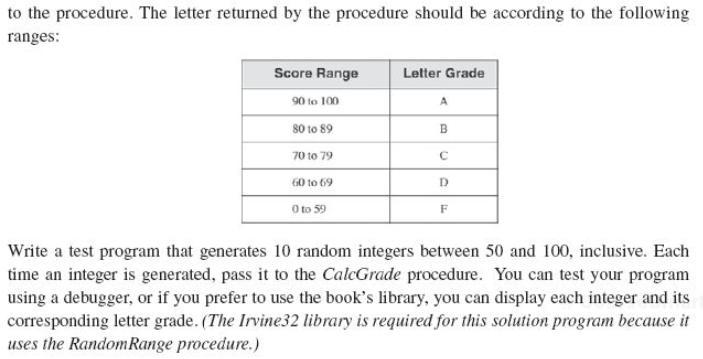
**EX06\_02\_Review –** Answer section review exercises 6.2.5. **These are in the textbook.**

**EX06\_03\_Filling\_Array –** Do Programming Exercise 6.10.2.1



**EX06\_04\_Test\_Score –** Do Programming Exercise 6.11.2.3





**EX06\_05\_Colors –** Do Programming Exercise 6.11.2.7

