# HW-2

Complete the following -

1. Write code to –
   * prompt user for a value between 0.0 and 1.0 inclusively
     + If the value is out of range, print an error message
     + Don’t proceed (with the next step) until a valid value is provided
   * If the value is between 0.0 and 1.0, print the corresponding **‘letter grade’**:
     + >= 0.9 | **A**
     + >= 0.8 | **B**
     + >= 0.7 | **C**
     + >= 0.6 | **D**
     + < 0.6 | **F**
2. In a new Colab cell, implement iteration logic to print out the following sequence of numbers: **1000, 995, 990, …, 5, 0**.
3. Write additional code (in another Colab cell) to practice what you have learned this week
   * You are here to practice coding, and I am not concern as to exactly what you do per se
4. **Always Include your name as the author** (in a comment) in all of your coding assignments. This applies to both HWs and projects
5. Test your programs
   * If a program is incomplete or not working, clearly articulate your situation in details in order to potentially earn partial credit
   * No credit (0 points) will be given if your project is not working and I have no idea why it’s not working
6. In a small write-up (several paragraphs will do), discuss your learning experience
   * What did you learn?
   * What challenges did you encounter, if any?
   * Anything else you would like to mention?
   * **What enhancement(s) did you make? (I will look for this)**
   * Capture screenshots of a few of your test runs in your write-up
     + Convince me that your program (app) is working
   * **Submit your write-up as a PDF file (only)**
7. Compress your code (one or more py files) and the write-up as a zip file
8. Submit your compressed file to the assignment link (do not email it)
9. **I grade each submission by -**
   * **Read your write-up and learning experience**
   * **Randomly test one of the submitted piece of coding on my computer**