Instructions:
1. ALL DUE TIMES ARE IN EST
2. **Upload a Python file to this BB Assignment.**
3. All answers must be in your own words, and copy-and-paste answers will receive no credit.
4. You must submit .py files to be graded.
5. You are limited to 2 submissions
6. **You must be in the lab session to get the lab's credit.**

1. **Translating DNA:**

Download the template script that is attached to the lab in Blackboard. Complete the functions and main program, to get the script to ask the user for a DNA sequence and then translate the sequence to its corresponding protein (amino acid sequence). Make sure you verify that the DNA sequence does not include non-valid bases and handle the case where a codon might not map to an amino acid from the table (try/except for the error that this would raise).

Then, use assertions to test your functions. Include at least 2 asserts per function.