In this assignment, you will have to write a python program to implement Caesar Encryption and Decryption functions that we have started in the class. The Encrypted and Decrypted string MUST be in Uppercase irrespective of the case of input provided. Make sure to cover the basic test cases for complete points. White spaces MUST be ignored during Encryption & Decryption.

You MUST:

1. Have a global variable named "UID" that should have your University ID in integer. e.g., UID = 1234  
  
2. Have a global variable named "Last\_Name" that should have your last name (as in Canvas) as a string. e.g., Last\_Name = 'Last'  
  
3. Have a global variable named "First\_Name" that should have your first name (as in Canvas) as a string. e.g., First\_Name = 'First'  
  
4. Have a function with the name "caesar\_str\_enc" that accepts a string as its first argument and an integer as its second argument and returns a string. e.g., function call: caesar\_str\_enc('A TEST SENTENCE',2) should return a string 'CVGUVUGPVGPEG'  
  
5. Have a function with the name "caesar\_str\_dec" that accepts a string as its first argument and an integer as its second argument and returns a string. e.g., function call: caesar\_str\_dec('CVGUVUGPVGPEG',2) should return a string 'ATESTSENTENCE'  
  
6. Submit only a .py file and NOT a .ipynb file on canvas.

All the MUST conditions have to be fulfilled for complete points.

You MAY:

1. Write your own extra functions for testing without affecting the 2 functions required for this submission.  
  
2. Use print statements to print out values for your own reference.  
  
3. Use any development environment you're comfortable with as long as you can meet the resulting program's requirements.  
  
4. Use this [sample notebook](https://umd.instructure.com/courses/1318851/files/66391098?wrap=1) (also accessible through the folder Homework Format Descriptors -> homework\_1.ipynb in the Files section on Canvas) to get started, which you may upload on [Google Colaboratory](https://colab.research.google.com/).  
  
5. Name your python (.py) file whatever you want.