Assignment 2 – Objects

All three parts are to be included in one program called YourName_*Assignment2.py*
Include header comment codes:

    #Assignment2.py
    #*yourname*
    #*yourclassblock*

Email: When you email, you must include a subject line with the following format. If you do not, I will delete your email, and it will be considered unsubmitted!
Subject line: Assignment2, *Name*, *Block*

1. A computer science teacher gives a simple quiz. He needs to convert letter grades to percentages. Write a simple program that inputs a grade letter and prints out the corresponding percentage, according to this table: A – 95, B – 85, C – 75, D – 65, F – 50

2. Many acronyms are used in the world today. Design a simple program that accepts a user input and converts the phrase into an acronym. E.g., Input: Thank Goodness Its Friday   Output: TGIF

3. A Caesar Cipher is a substitution cipher. It takes a letter, and substitutes the letter with another letter a predetermined number of letters in the alphabet. For instance, if the shift was 3, then A becomes D, B becomes E, C becomes F, Z becomes C, Y becomes B, X becomes A. Write a simple program that can accept user input for a phrase, as well as the amount of shift, then encodes the phrase by the user's shift.