CS Homework #15

Deadline: January 30, 9:00 pm.

- *Save your code as lastname_homework15.py and submit on Google Classroom.*
- *Please, run your code before submitting.*
- *If you get an error, try to fix it before submitting your homework.*
- *If you get help from anyone, please, make sure that you actually understand the solution.*

General

For all of the tasks below, you are asked to create a function AND test it; that is, show that it works

Task 1

Create a function that *prints* a product of exactly three values.

Task 2

Create a function that *returns* a product of exactly four values.

Task 3

Create a function that accepts two arguments, a and b, and returns a/b. If b is zero, the function returns "NAN" string.

Task 4

Create a function that accepts any number of values and returns a tuple of those values.

Task 5

Create a function that accepts any numbers of values and then returns a list of *unique* values in no particular order (that is, duplicates are removed). Hint: recall sets.

Task 6

Create a function that accepts two lists and returns a dictionary, with the first list being the keys and the second being the values.

Task 7

Create a function that asks the user to enter an integer X and returns X**X.

Task 8

Create a function that asks the use to enter their first and last name (in one query). The function returns the initials. For example, if I enter “John Doe”, the function returns “JD”. Hint: to separate the values entered by the user, use .split() string method.

Task 9

Add error handling to Task 8 to deal with those who enter 1 or 3+ values separated by a space.