

CS Homework #14

Deadline: Saturday, January 25, 9:00 pm. Save your code as lastname_homework14.py and submit on Edmodo. 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.

Task 1

If you did not complete homework 13 tasks, please, use posted solutions to create your own examples. For example, for HW 13 task 1, use the solution to create your own example such as:

```
print_product(13, 17)
```

or, perhaps, even inside a loop:

```
for i in range(10): print_product(13, 17)
```

Feel free to be creative!

If you previously completed all HW 13 tasks then proceed to Task 2. Task 1 is for those who submitted incomplete/incorrect HW 13 solutions.

Task 2

Create a function that asks the user to enter their first and last name (in one query). The function returns the initials: if I enter "John Doe", the function returns "JD". Reminder: to separate the values entered by the user use `.split()` method. Use error handling to deal with those who enter 1 or 3+ values separated by a space.

Task 3

This task is somewhat similar to the previous but there are some important differences. Once again, create a function that asks the user for their first and last name. This time, the function creates a dictionary *item* with the key being the initials and the value being the first and last name. For example, if I enter "John Doe", the function creates "JD" key and "John Doe" value. Then this function adds this item to the dictionary that the user provides as an argument. That is, the function should look like this: `add_name(D)`, where D is the existing dictionary to which the item will be added. (You will need to create a D beforehand, to use in your function). Run your function in a loop to add 3 names.