**Spring 2024: CS5720 Neural Networks & Deep Learning - ICP-2**

**Bhanu Chandrika Lakkimsetti (700747439)**

GitHub Link: <https://github.com/bhanuchandrika99/NNDL_ICP_2>

1. Write a program that takes two strings from the user: first\_name, last\_name. Pass these variables to fullname function that should return the (full name).

For example:

First\_name = “your first name”, last\_name = “your last name”

Full\_name = “your full name”

Write function named “string\_alternative” that returns every other char in the full\_name string. Str = “Good evening”

Output: Go vnn

**Solution:**

A screenshot of a computer

Description automatically generated

1. Write a python program to find the wordcount in a file (input.txt) for each line and then print the output. Finally store the output in output.txt file.

Example:

Input: a file includes two lines:

Python Course

Deep Learning Course

Output:

Python Course

Deep Learning Course

Word\_Count:

Python: 1

Course: 2

Deep: 1

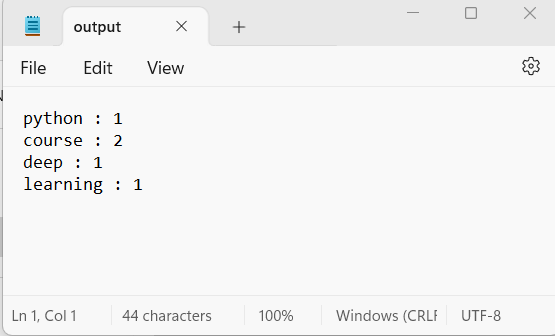
Learning: 1

**Solution:**

A computer screen shot of a computer code

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A screenshot of a computer

Description automatically generated 

3. Write a program, which reads heights (inches.) of customers into a list and convert these heights to centimeters in a separate list using:

1) Nested Interactive loop.

2) List comprehensions

A computer code with many colorful text

Description automatically generated with medium confidence

A screenshot of a computer

Description automatically generated