**Neural Network Deep Learning**

Assignment – 2

Name: Kishor Kumar Andekar

Student ID: 700744713

Github Link : <https://github.com/kishorreyansh/Neural-Network-Deep-Learning/tree/main/Assignment-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).

o For example: ▪ First\_name = “your first name”, last\_name = “your last name” ▪ Full\_name = “your full name”

Note: You need to create a function named “string\_alternative” for this program and call it from main function.

In the below code snippet, we are accepting first name and last name from the console and returning every other character in the fullname string.

A screenshot of a computer program

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o Write function named “string\_alternative” that returns every other char in the full\_name string.

Str = “Good evening”

Output: Go vnn

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Output:

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

o 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

In the below Code snippet, we are replacing python with pythons

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Output:

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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

In the below Code snippet, we are calculating the height of the customer into centimeters using two approaches.

Nested Interactive Loop:

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List Comprehensions :

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Output:

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