Fall 2023: CS5720 Neural Networks & Deep Learning - ICP-2

Name: Manisha Lakkarsu Student Id: 700746573

Git link: https://github.com/Mani543/Manisha NNDL ICP2.git

Video link:

https://drive.google.com/file/d/1c4JVHeMwhRZAI9OEC2uBNYqZnCYvY4kT/view?usp=sharing

1. Write a program that takes two strings from the user: first_name, last_name. Pass these variables to full name function that should return the (full name). Write function named "string_alternative" that returns every other char in the full_name string.

Output:

```
C:\Users\manis\PycharmProjects\pythonProject\venv\Scripts\python.exe C:\Users\manis\PycharmProjects\
Enter first name: Nanisha
Enter last name: Lakkarsu
Full name: Manisha Lakkarsu
Alternate characters in the given full name are as follows: MnsaLkas

Process finished with exit code 0
```

2. 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.

Output:

```
y × & ReplacingAStringWithAnother.py × & GradingSystem.py × & GenerateFullName.py × & WordCount.py × & input.txt × doubt.txt × python Course

Deep Learning Course

Word_Count:
Python: 1

Course: 2

Deep: 1

Learning: 1
```

- 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

```
GradingSystem.py × GeneratefullName.py × Gen
```

Output:

