**Prathyusha Rayabaram**

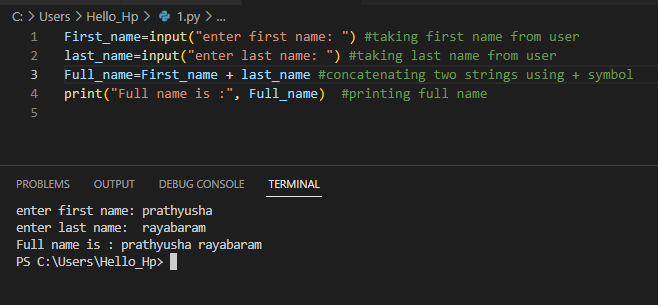
**700747674**

**Nueral Networks and Deep Learning**

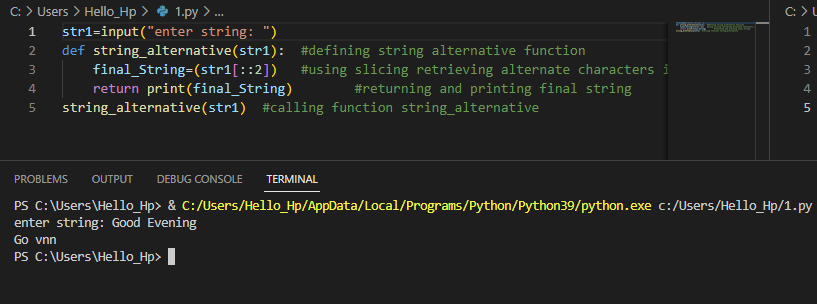
**Assignment-2**

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).

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



1. 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.

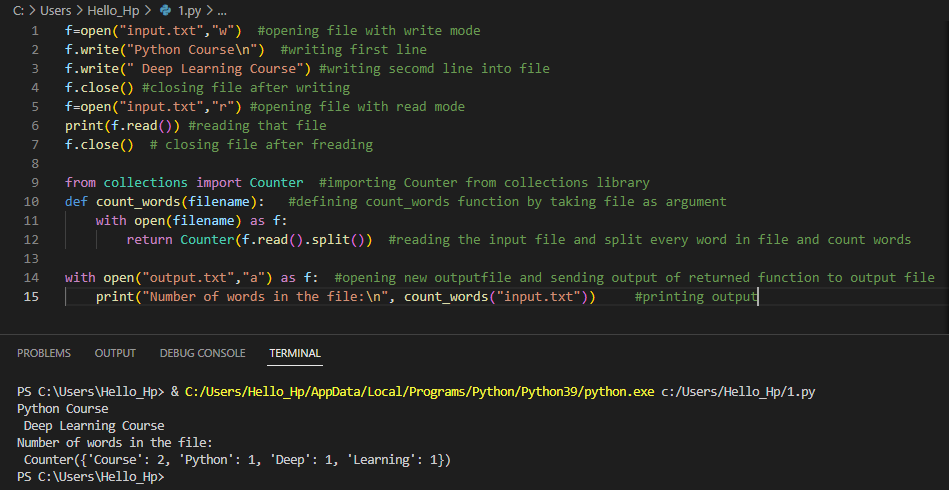
Example:

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



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

1) Nested Interactive loop.

2) List comprehensions

