**Spring 2024: CS5720**

**Neural Networks and Deep Learning - ICP-2**

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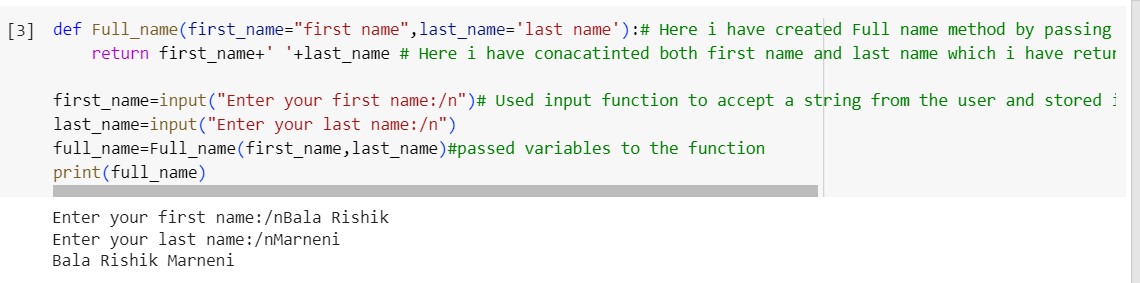
**Student id: 700746746**

**Video Link:** [**https://drive.google.com/file/d/14FKsuliqUSz\_a21s0skMIGYGdU482Uqc/view?usp=drive\_link**](https://drive.google.com/file/d/14FKsuliqUSz_a21s0skMIGYGdU482Uqc/view?usp=drive_link)

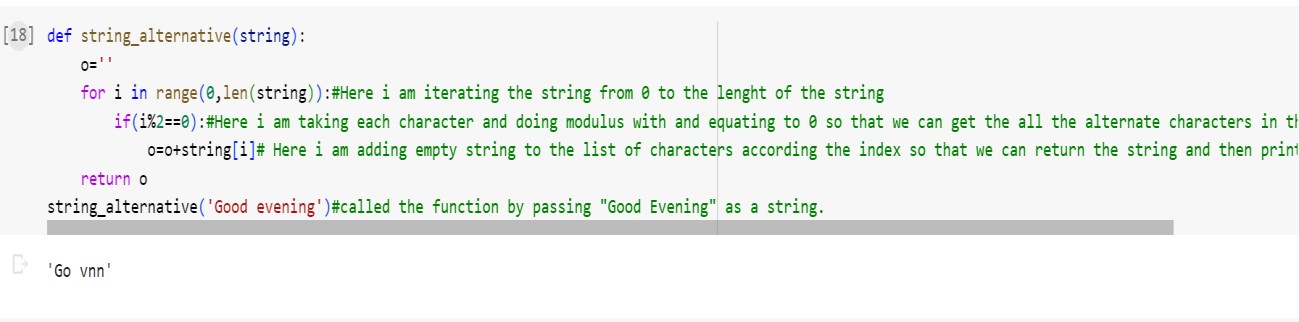
**Github Link:** [**https://github.com/BalaRishik001/Neural-Networks-and-Deep-Learning-Assignments**](https://github.com/BalaRishik001/Neural-Networks-and-Deep-Learning-Assignments)

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” o Write function named “string\_alternative” that returns every other char in the full\_name string. Str = “**G**o**o**d e**v**e**n**i**n**g”

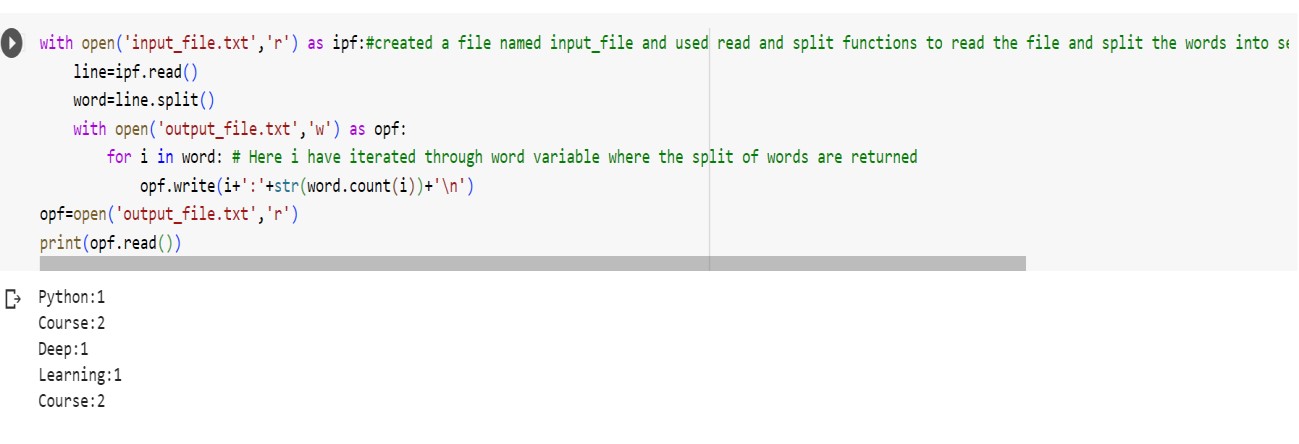
Output: Go vnn



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

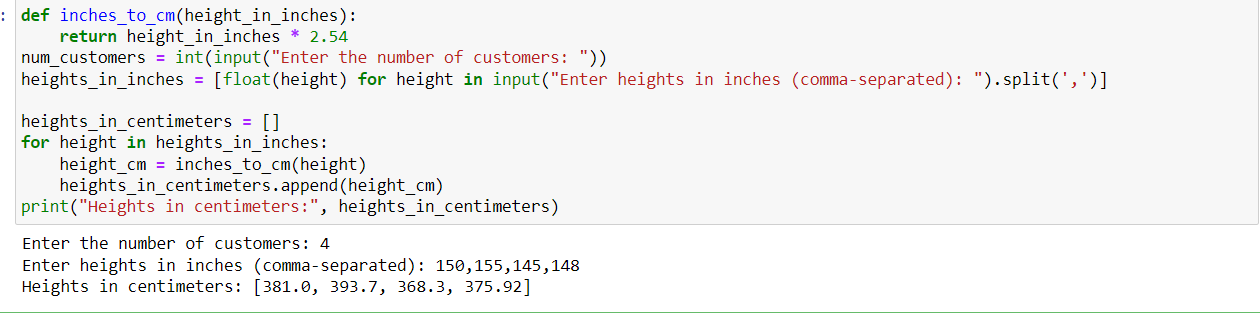


2. Write a python program to find the wordcount in a file (input.txt) for each line and then print the output. o Finally store the output in output.txt file.



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](https://www.w3schools.com/python/python_lists_comprehension.asp)



**Thank You**