**ICP-2 Neural Networks**

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**Video link:** https://drive.google.com/file/d/1Q3kmfqJbqNEXQdKSQuFFG72iL36vVdVK/view?usp=sharing

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 = “**G**o**o**d e**v**e**n**i**n**g”

Output: Go vnn

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

# CODE

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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

**CODE**

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1. Write a program, which reads heights (inches.) of customers into a list and convert these heights to centimeters in a separate list using:
2. Nested Interactive loop.
3. [List comprehensions](https://www.w3schools.com/python/python_lists_comprehension.asp)

# Example: L1: [150,155, 145, 148]

**Output: [68.03, 70.3, 65.77, 67.13]**

**CODE**

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