NNDL ICP2

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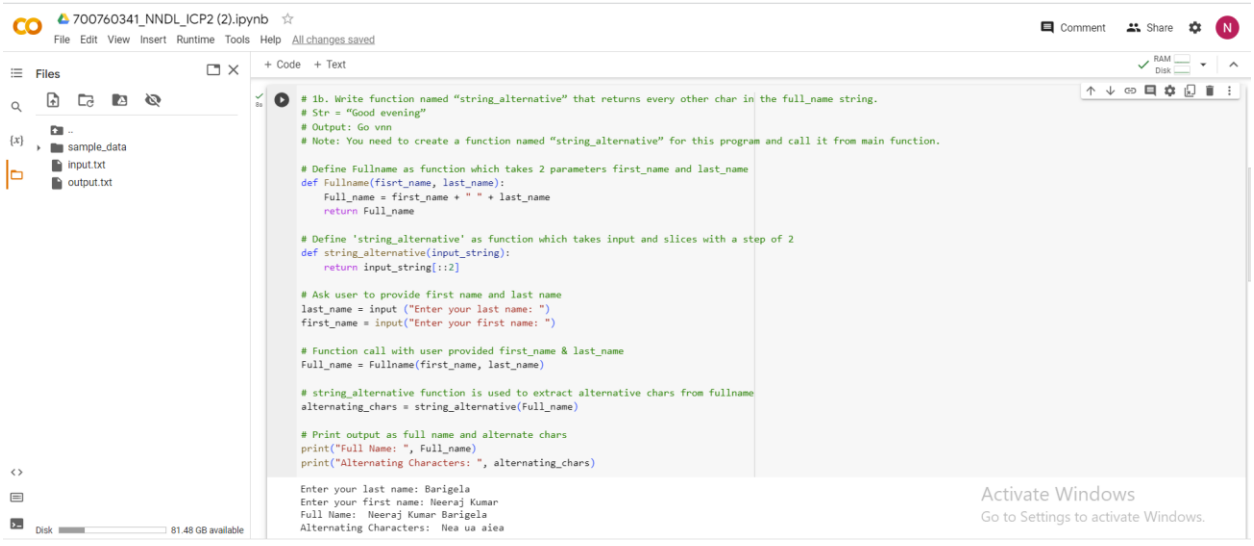
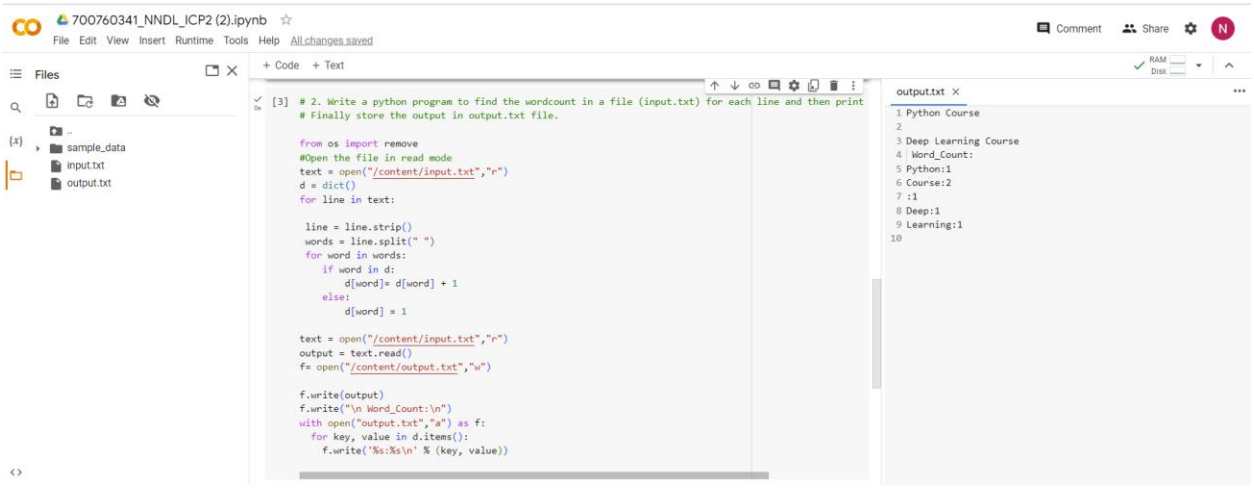
GitHub Link: https://github.com/neeraj4944/Fall2023_NNDL_ICP2

Video Link: https://drive.google.com/file/d/1dRMLgne7OdgJc7xEg7oyGibud0C3gUiK/view?usp=sharing




700760341_NNDL_ICP2 (2).ipynb
File Edit View Insert Runtime Tools Help All changes saved
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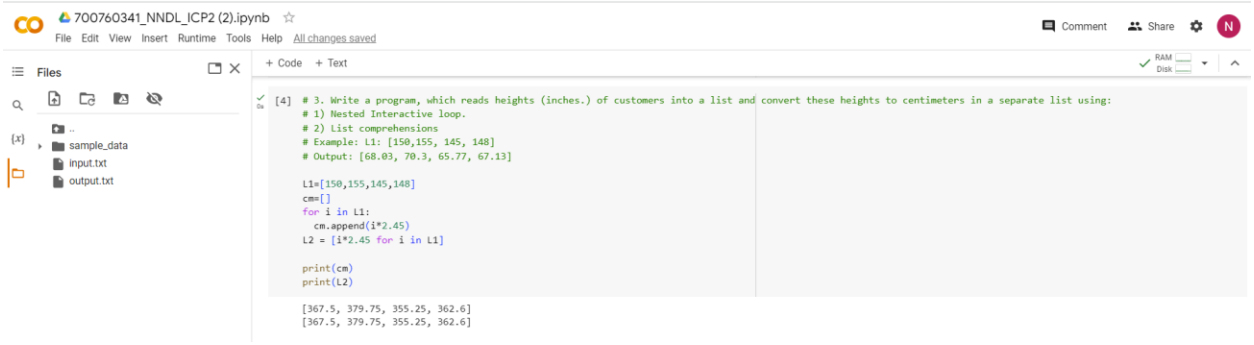
Files
sample_data
input.txt
output.txt
+ Code + Text
[3] # 2. Write a python program to find the wordcount in a file (input.txt) for each line and then print
# Finally store the output in output.txt file.
from os import remove
#Open the file in read mode
text = open("/content/input.txt","r")
d = dict()
for line in text:
line = line.strip()
words = line.split(" ")
for word in words:
if word in d:
d[word]= d[word] + 1
else:
d[word] = 1
text = open("/content/input.txt","r")
output = text.read()
f= open("/content/output.txt","w")
f.write(output)
f.write("\n Word_Count:\n")
with open("output.txt","a") as f:
for key, value in d.items():
f.write('%s:%s\n' % (key, value))
output.txt
1 Python Course
2
3 Deep Learning Course
4 Word_Count:
5 Python:1
6 Course:2
7 :1
8 Deep:1
9 Learning:1
10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[4] # 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
# Example: L1: [150,155, 145, 148]
# Output: [68.03, 70.3, 65.77, 67.13]
L1=[150,155,145,148]
cm=[]
for i in L1:
cm.append(i*2.45)
L2 = [i*2.45 for i in L1]
print(cm)
print(L2)
[367.5, 379.75, 355.25, 362.6]
[367.5, 379.75, 355.25, 362.6]