

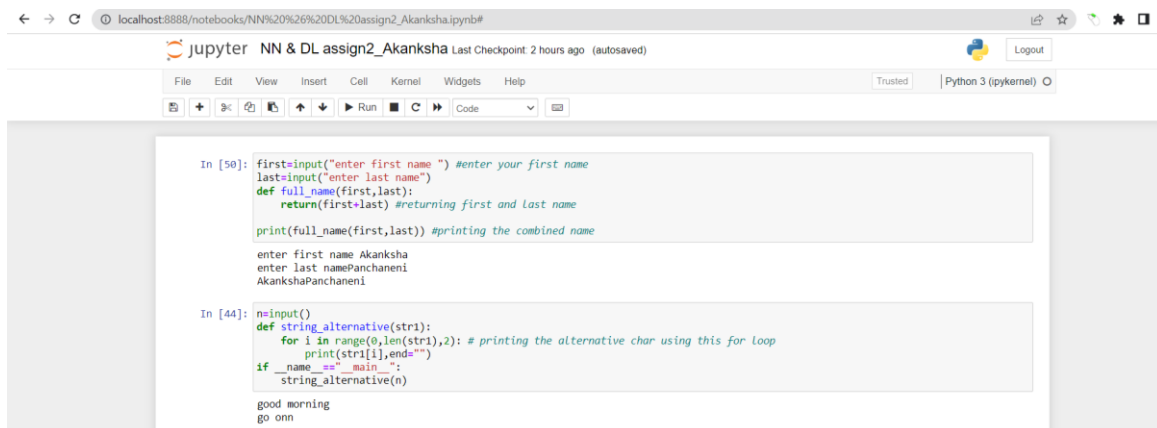
NN & DL

Assignment-2

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Que 1:



```
In [50]: first=input("enter first name ") #enter your first name
last=input("enter last name")
def full_name(first,last):
    return(first+last) #returning first and last name
print(full_name(first,last)) #printing the combined name

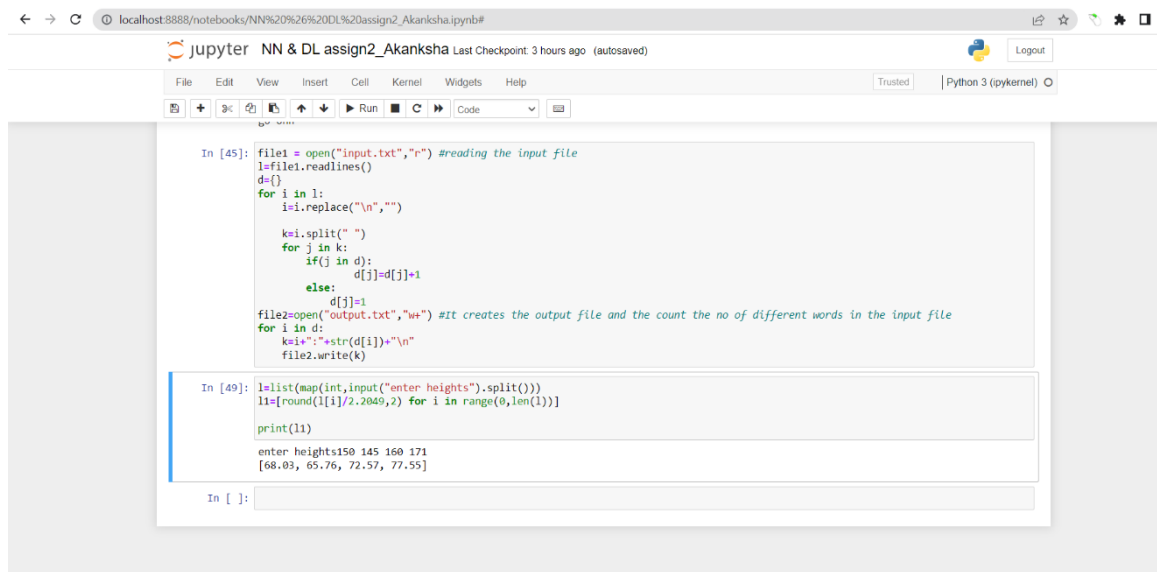
enter first name Akanksha
enter last namePanchaneni
AkankshaPanchaneni

In [44]: n=input()
def string_alternative(str1):
    for i in range(0,len(str1),2): # printing the alternative char using this for loop
        print(str1[i],end=" ")
if __name__=="__main__":
    string_alternative(n)

good morning
go onn
```

-Here we are giving our first and last name using keyboard adding the first, last name to show full name in the output

-In the second program We have created a function named called string_alternative. It will return every other alternative char in the output.



```
In [45]: file1 = open("input.txt","r") #reading the input file
l=file1.readlines()
d={}
for i in l:
    i=i.replace("\n","")
    k=i.split(" ")
    for j in k:
        if(j in d):
            d[j]=d[j]+1
        else:
            d[j]=1
file2=open("output.txt","w") #It creates the output file and the count the no of different words in the input file
for i in d:
    k=i+": "+str(d[i])+"\n"
    file2.write(k)

In [49]: l=list(map(int,input("enter heights").split()))
l1=[round(l[i]/2.2849,2) for i in range(0,len(l))]
print(l1)

enter heights150 145 160 171
[68.03, 65.76, 72.57, 77.53]
```

Que 2:

-Reading the input.txt file which contains two words named Python Course and Deep Learning Course and will create a output.txt file which contains the word count of the words.

-In the final Question we are taking the height details from the user in a list format using the list comprehension and converting them into cms.

Github Link: https://github.com/AkankshaPanchaneni/NeuralNetworks-Assign2_-700740529

Video Link: <https://www.loom.com/share/7406ec9f46aa4d2e9688027b23f27f3d>