

Neural Networks & Deep Learning: ICP1

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1. Write a python program for the following: – Input the string “Python” as a list of characters from console, delete at least 2 characters, reverse the resultant string and print it. Sample input: •python •Sample output: •ntyp –

Take two numbers from user and perform at least 4 arithmetic operations on them.

2. Write a program that accepts a sentence and replace each occurrence of ‘python’ with ‘pythons’. •Sample input: •I love playing with python •Sample output: •I love playing with pythons

3. Use the if statement conditions to write a program to print the letter grade based on an input class score. Use the grading scheme we are using in this class.

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Welcome Neural Network assignment 1.ipynb X
Users > sowjanya-kamuju > Library > Containers > net.whatsapp.WhatsApp > Data > tmp > documents > AF763907-1DF6-4AA3-B72F-F6500B1C47C3 > Neural Network assignment 1.ipynb > #1B.Take two numbers from user and perform at least 4 arithmetic operat
+ Code + Markdown ... Select Kernel

#1A.Input the string "Python" as a list of characters from console, delete at least 2 characters, reverse the
#resultant string and print it.

string= 'python'
string= string[0:3]+string[5]
print(string[::-1])

[8] Python
... ntyp

#1B.Take two numbers from user and perform at least 4 arithmetic operations on them.

Num1=int(input('First Number:'))
Num2=int(input('Second Number:'))
print('Add: ',Num1+Num2)
print('Sub: ',Num1-Num2)
print('Mul: ',Num1*Num2)
print('Div: ',Num1/Num2)

[14] Python
... First Number:3
Second Number:2
Add: 5
Sub: 1
Mul: 6
Div: 1.5

#2.Write a program that accepts a sentence and replace each occurrence of 'python' with 'pythons'.

string= 'I love playing with python'
print(string.replace('python','pythons'))

[16] Python
... I love playing with pythons

#3.Use the if statement conditions to write a program to print the letter grade based on an input class score. Use the
#grading scheme we are using in this class.

s = float(input("Score:"))

if s >= 90 and s < 100 :
    print(" grade = 'A' ")
elif s >= 80 and s < 90 :
    print ( " grade = 'B' " )
elif s >= 70 and s < 80:
    print ( " grade = 'C' " )
elif s >= 60 and s < 70:
    print ( " grade = 'D' " )
elif s >= 50 and s < 60:
    print ( " grade = 'F' " )
else:
    print ("invalid")

[1] Python
... Score:90.05
grade = 'A'
```

Github Link: <https://github.com/sowjanya-kamuju/Assignment1>

Video Link: <https://vimeo.com/903187137/df5f57f21d?share=copy>