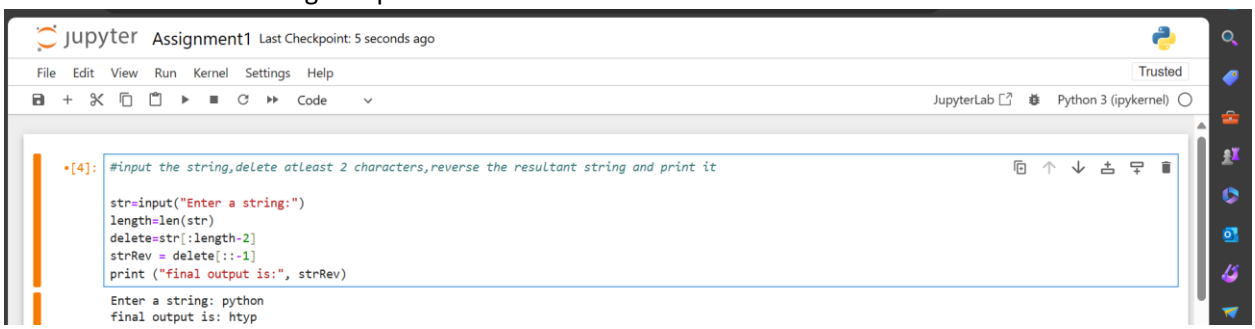
GITHUB: https://github.com/HemanthLakkimsetti76/NeuralAssignments/blob/main/Assignment1.ipynb

Neural Network Deep Learning

1.

A. Input the string “Python” as a list of characters from console, delete at least 2 characters, reverse the resultantstring and print it.



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

```
[6]: #take 2 numbers from the user and perform 4 arithmetic operations on them

a=int(input("Enter 1st num"))
b=int(input("Enter 2nd num"))
sum=a+b
mul=a*b
sub=a-b
div=a/b
print("addition",sum)
print("substraction" , sub)
print("multiplication",mul)
print("division",div)
```

```
Enter 1st num 2
Enter 2nd num 4
addition 6
substraction -2
multiplication 8
division 0.5
```

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

```
[9]: #QUESTION 2

#accept a sentence and replace each occurance of 'python' with 'pythons'

str=input("Enter a sentence with the word python in it:")
modified_str=str.replace('python','pythons')
print("Modified string:")
print(modified_str)
```

```
Enter a string: python python
Modified string:
pythons pythons
```

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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.

pythons pythons

[10]:
```
#QUESTION 3

#print the letter grade based on input class score

score=int(input("Please enter your score:"))
print("Your score is",score)
if score >= 90 and score <= 100:
    print("Your Grade is A")
elif score >= 80 and score <= 89:
    print("Your Grade is B")
elif score >= 70 and score <= 79:
    print("Your Grade is C")
elif score >= 60 and score <= 69:
    print("Your Grade is D")
else:
    print("Your Grade is F")
```

```
Please enter your score: 88
Your score is 88
Your Grade is B
```