

Neural Networks & Deep Learning Assignment-1

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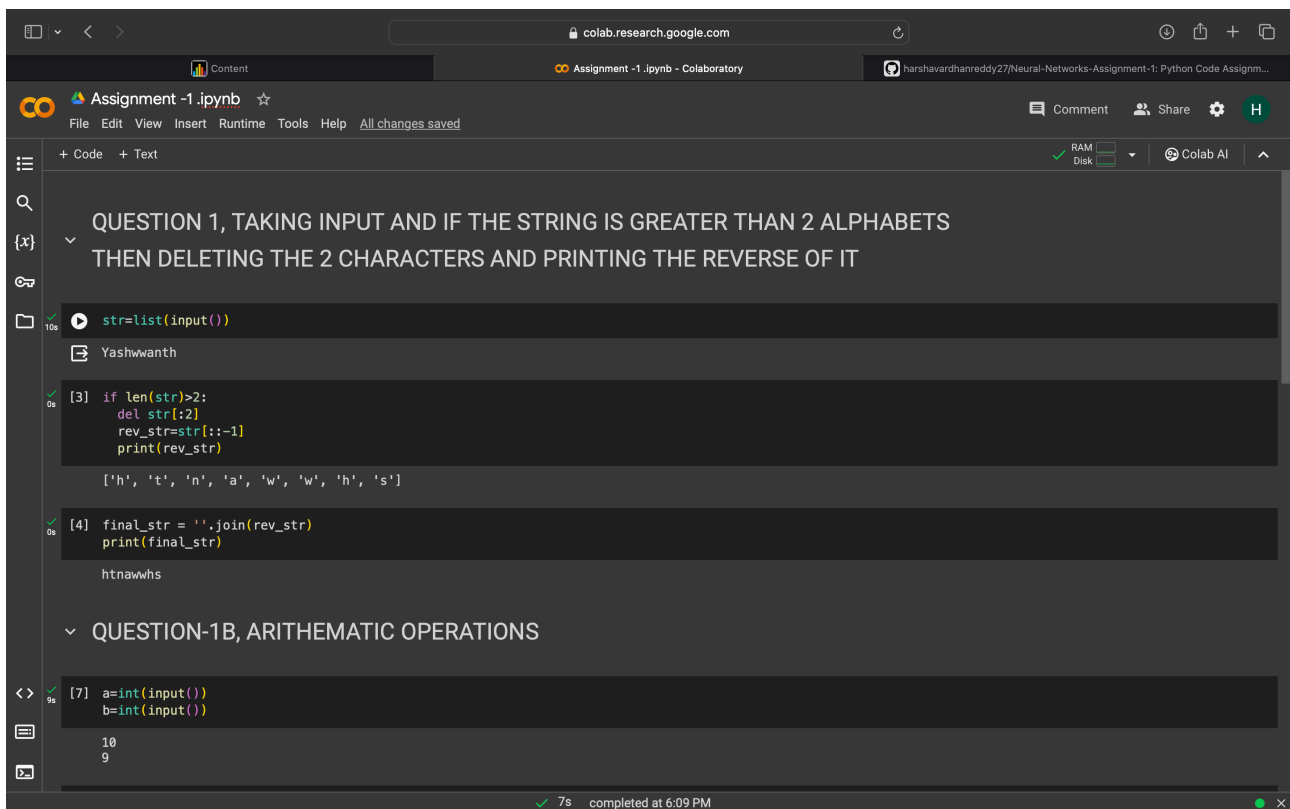
Repository Link :

<https://github.com/harshavardhanreddy27/Neural-Networks-Assignment-1>

Video Link:

https://drive.google.com/file/d/1ndfNldu9pgibccNFuYDNBx7bR79SuwGa/view?usp=share_link

Code Screenshots: Question:1A



The screenshot shows a Google Colab notebook titled "Assignment -1.ipynb". The notebook contains two sections of code. The first section, "QUESTION 1, TAKING INPUT AND IF THE STRING IS GREATER THAN 2 ALPHABETS THEN DELETING THE 2 CHARACTERS AND PRINTING THE REVERSE OF IT", shows the input string "Yashwanth" being converted to a list, then the first two characters are deleted, and the remaining characters are reversed to produce "htnawwhs". The second section, "QUESTION-1B, ARITHMETIC OPERATIONS", shows two integers, 10 and 9, being input and stored in variables 'a' and 'b' respectively.

```
QUESTION 1, TAKING INPUT AND IF THE STRING IS GREATER THAN 2 ALPHABETS  
THEN DELETING THE 2 CHARACTERS AND PRINTING THE REVERSE OF IT
```

```
str=list(input())  
Yashwanth
```

```
[3] if len(str)>2:  
    del str[:2]  
    rev_str=str[::-1]  
    print(rev_str)
```

```
['h', 't', 'n', 'a', 'w', 'w', 'h', 's']
```

```
[4] final_str = ''.join(rev_str)  
print(final_str)
```

```
htnawwhs
```

```
QUESTION-1B, ARITHMETIC OPERATIONS
```

```
[7] a=int(input())  
    b=int(input())
```

```
10  
9
```

7s completed at 6:09 PM

Question - 1B & 2

The screenshot shows a Google Colab notebook titled "Assignment -1.ipynb". The first section, "QUESTION-1B, ARITHMETIC OPERATIONS", contains two code cells. The first cell takes two integers as input (10 and 9) and the second cell prints the results of addition, subtraction, multiplication, and division. The second section, "QUESTION 2 Replacing Python With Python's in a Sentence", contains a code cell that takes a sentence as input and replaces "Python" with "python's".

```
[7] a=int(input())
    b=int(input())

10
9

print("sum of two no is", a+b)
print("subtraction of two no is", a-b)
print("multiplication of two no is", a*b)
print("division of two no is", a/b)

sum of two no is 19
subtraction of two no is 1
multiplication of two no is 90
division of two no is 1.1111111111111112

QUESTION 2 Replacing Python With Python's in a Sentence

sentence = input("Enter a sentence: ")
mod_sen = sentence.replace('Python', 'python's')
print("Updated:", mod_sen)

Enter a sentence: I Love Python
Updated: I Love python's
```

Question - 3

The screenshot shows a Google Colab notebook titled "Assignment -1.ipynb". The section "Question 3 Using if statement conditions letter grade based on an input class score" contains a code cell that takes a class score as input and prints the corresponding letter grade based on the following conditions: grade >= 90 (A), 80 <= grade < 90 (B), 70 <= grade < 80 (C), 60 <= grade < 70 (D), and otherwise (FAIL). The input 97.56 results in the output 'A'.

```
grade= float(input())
if grade>=90:
    print('A')
elif grade >= 80 and grade < 90:
    print('B')
elif grade >= 70 and grade < 80:
    print('C')
elif grade >= 60 and grade < 70:
    print('D')
else:
    print('FAIL')

97.56
A

Double-click (or enter) to edit
```