Neural Networks & Deep Learning ICP-1

Student Name: Sravani Lankala
Student ID: 700746285

GitHub Link: https://github.com/sravanilankala/NNDL_ICP1_Fall23

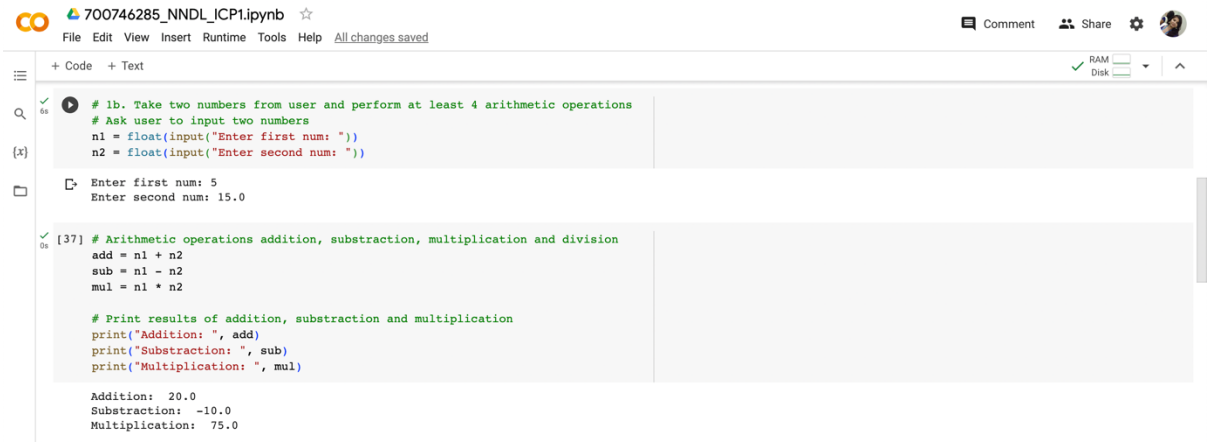
Video Link:
https://drive.google.com/file/d/1SLxFKsIibG8n5F77-srn7syfIdAx3-1q/view?usp=drive_link

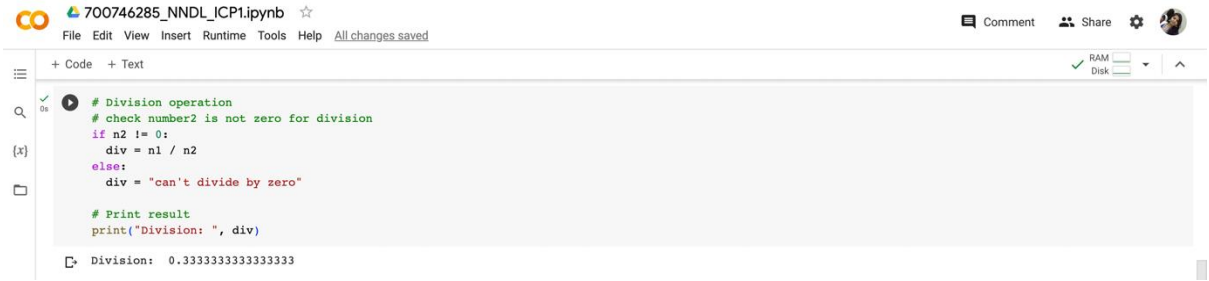
1. Write a python program for the following:

   – 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

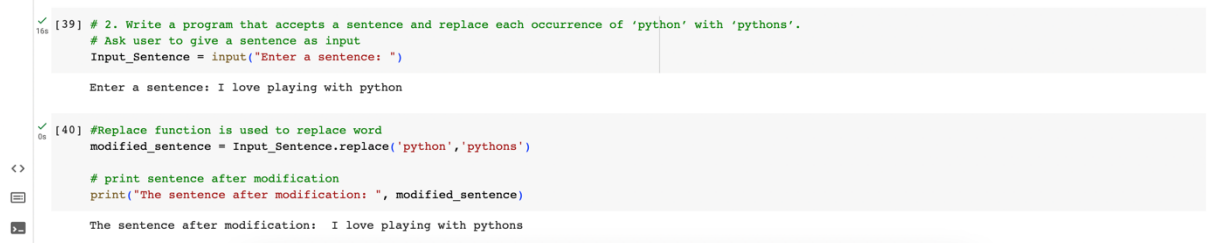
– Take two numbers from user and perform at least 4 arithmetic operations on them.





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.

```
# 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.

# Ask user to input score
score = float(input("Enter total score: "))
```

```
Enter total score: 90.5
```

```
# Check score based on grading scheme
if score >= 90:
  grade = 'A'
elif score >= 80:
  grade = 'B'
elif score >= 70:
  garde = 'C'
elif score >= 60:
  grade = 'D'
else:
  grade = 'F'
# print grade
print("Final grade for given score is: ", grade)
```

```
Final grade for given score is:  A
```