NEURAL NETWORK DEEP LEARNING
ICP_1_SPRING24 ASSIGNMENT- 1

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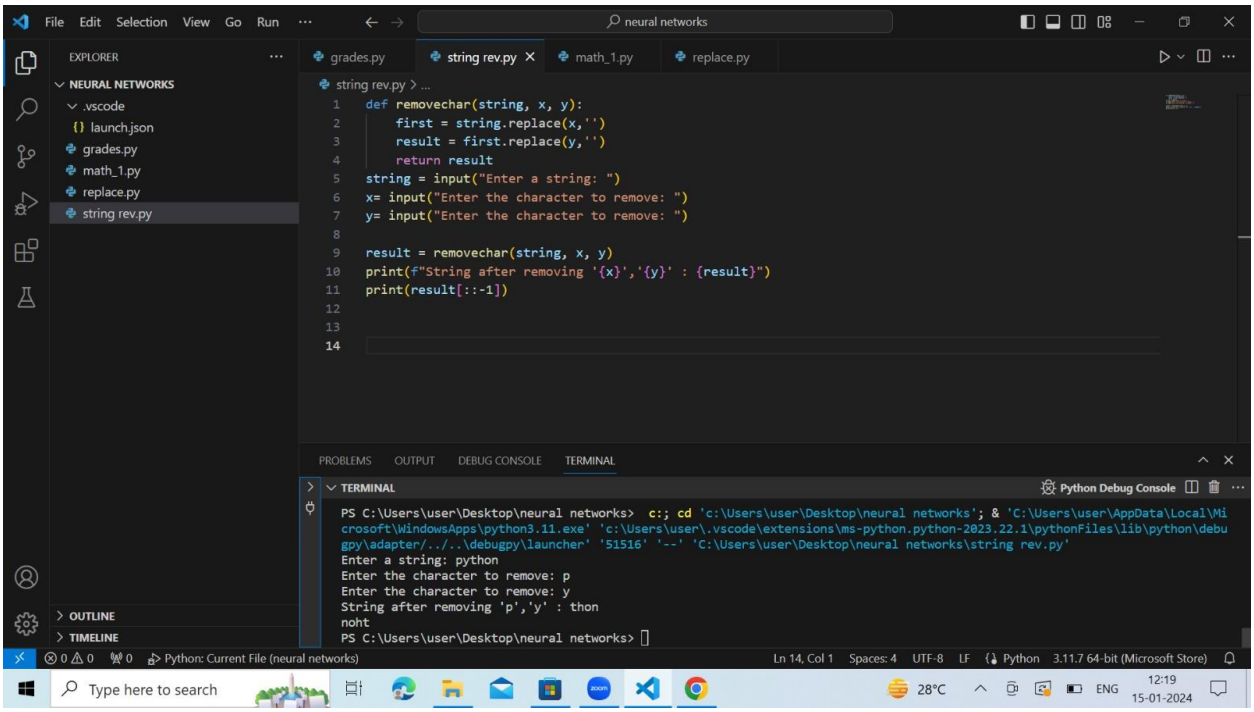
GITHUBLINK:
https://github.com/sanjanamortha28/ICP_1_Spring24

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.

Source code:

```
def removechar(string, x, y):
    first = string.replace(x,'')
    result = first.replace(y,'')
    return result
string = input("Enter a string: ")
x= input("Enter the character to remove: ")
y= input("Enter the character to remove: ")

result = removechar(string, x, y)
print(f"String after removing '{x}','{y}' : {result}")
print(result[::-1])
```

Output:

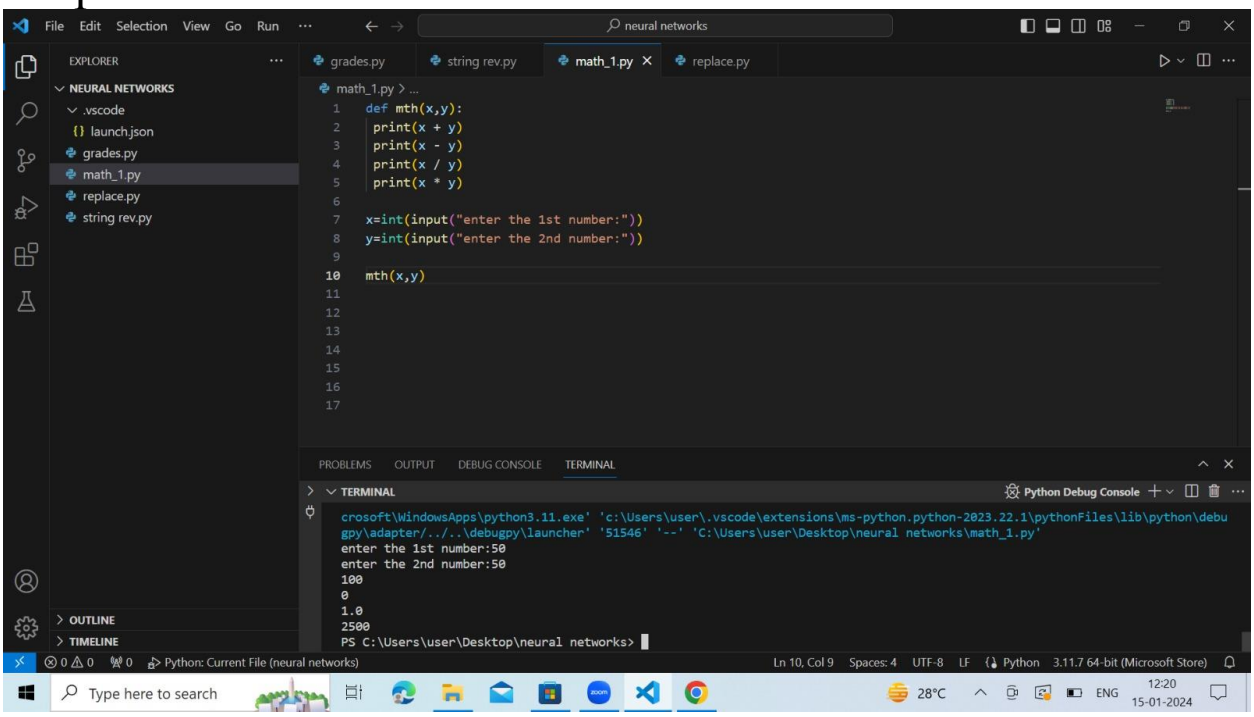


Take two numbers from user and perform at least 4 arithmetic operations on them.
Source code:

```
def mth(x,y):
 print(x + y)
 print(x - y)
 print(x / y)
 print(x * y)

x=int(input("enter the 1st number:"))
y=int(input("enter the 2nd number:"))
```

mth(x,y)

Output:

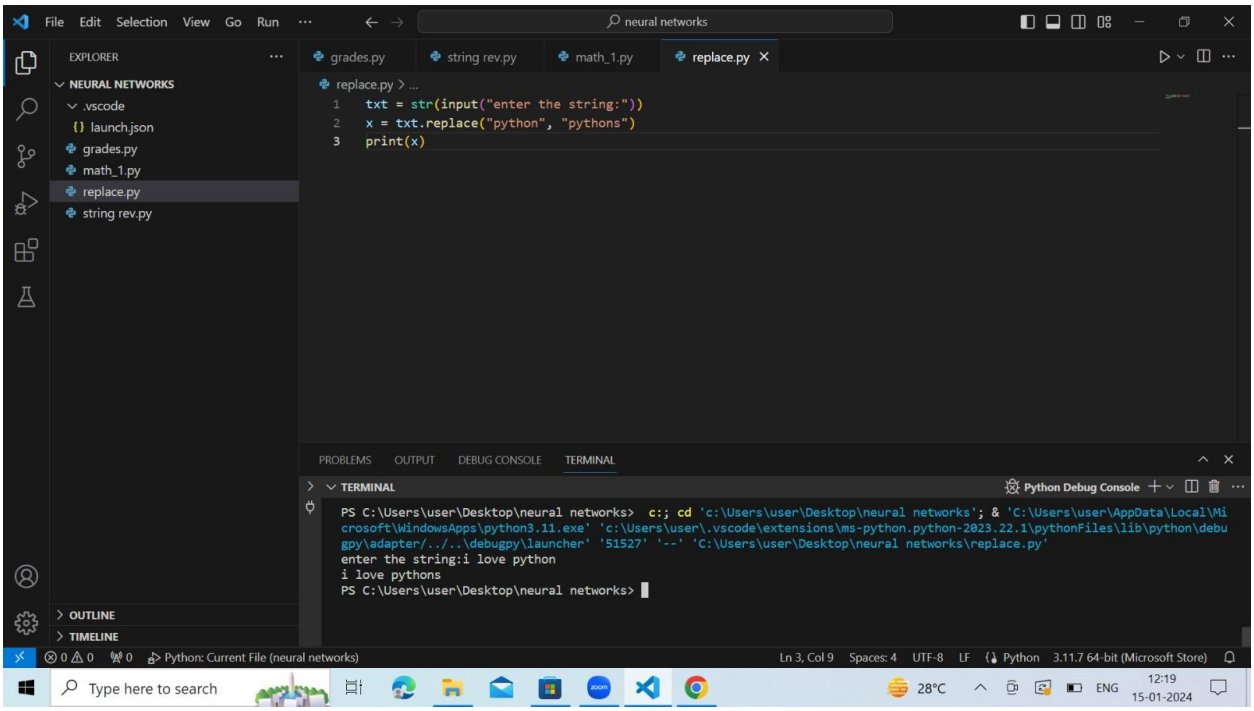


2.) Write a program that accepts a sentence and replace each occurrence of ‘python’ with ‘pythons’.

Source code:

```
txt = str(input("enter the string:"))
x = txt.replace("python", "pythons")
print(x)
```

Output:



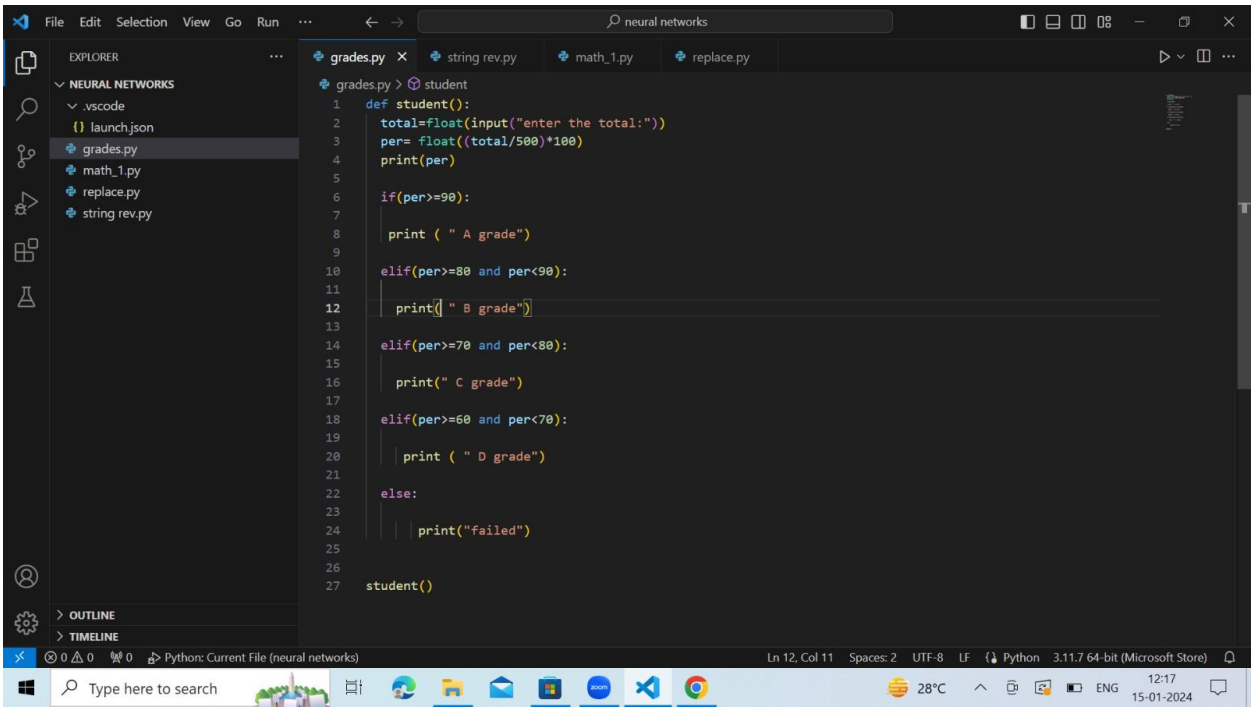
3.) Use the if statement conditions to write a program to print the letter grade based on an input class score. Use the grading scheme we are using in this class.

Source code:

```
def student():
  total=float(input("enter the total:"))
  per= float((total/500)*100)
  print(per)

  if(per>=90):

   print ( " A grade")

  elif(per>=80 and per<90):
```

```
        print( " B grade")
    elif(per>=70 and per<80):
        print(" C grade")
    elif(per>=60 and per<70):
        print ( " D grade")
    else:
        print("failed")

student()
```

Output:


File Edit Selection View Go Run
neural networks
EXPLORER
NEURAL NETWORKS
.vscode
launch.json
grades.py
math_1.py
replace.py
string rev.py
grades.py
string rev.py
math_1.py
replace.py
grades.py > student
def student():
total=float(input("enter the total:"))
per= float((total/500)*100)
print(per)
if(per>=90):
print (" A grade")
elif(per>=80 and per<90):
print(" B grade")
elif(per>=70 and per<80):
print(" C grade")
elif(per>=60 and per<70):
print (" D grade")
else:
print("failed")
student()
OUTLINE
TIMELINE
Python: Current File (neural networks)
Ln 12, Col 11
Spaces: 2
UTF-8
LF
Python
3.11.7 64-bit (Microsoft Store)
Type here to search
28°C
ENG
12:17
15-01-2024