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 resultantstring 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

In [8]:
```
#1A.Input the string "Python" as a list of characters from console, delete at least 2 characters, reverse the
#resultantstring and printit.

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

```
ntyp
```

In [14]:
```
#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)
```

```
First Number:3
Second Number:2
add: 5
sub: 1
Mul: 6
Div: 1.5
```

In [16]:
```
#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'))
```

```
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.

In [1]:

```
#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>= 0 and s <60:
  print ( " grade = 'F' " )
else:
 print ("invalid")
```

```
Score:90.05
 grade = 'A'
```

Github Link:

https://github.com/Priyamarthati/700739769/tree/main

Video Link:

https://vimeo.com/903188106/78a9aef833?share=copy