NEURAL NETWORKS AND DEEP LEARNING

ASSIGNMENT 1

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GITHUB LINK: https://github.com/sravs2031/NEURAL-NETWORKS-DEEP-LEARNING-ASSIGNMENT-1.git

VIDEO LINK: https://drive.google.com/file/d/1m0mUt2J__m37FGZetEYQof4oWURD5y2t/view?usp=drive_link

1)

```
[1]  string = input('Enter a string ')
     string = string[:-2]
     print(string[::-1])
```

```
Enter a string python
htyp
```

2)

```
num1 = int(input("Enter first numbers "))
num2 = int(input("Enter second numbers "))

add = num1+num2
sub = num1-num2
mul = num1*num2
div = num1/num2

print(f"Addition of 2 numbers is {add} \nSubtraction of 2 numbers is {sub} \nmultiplication of 2 numbers is {mul} \nDivison of 2 numbers is {div}")
```

```
Enter first numbers 12
Enter second numbers 56
Addition of 2 numbers is 68
Subtraction of 2 numbers is -44
multiplication of 2 numbers is 672
Divison of 2 numbers is 0.21428571428571427
```

3)

```
sentence = input('Enter a sentence: ')
words = sentence.split()
for i in range(len(words)):
  if words[i] == 'python':
    words[i] = 'pythons'
print(' '.join(words))
```

```
Enter a sentence: python
pythons
```

4)

```
grade = int(input("Enter the grade between 0 and 100: "))
if grade>100 or grade<0:
  print('Error! enter grade between 0 and 100')
elif 100>=grade>=90:
  print("Grade is A")
elif 89>=grade>=80:
  print("Grade is B")
elif 79>=grade>=70:
  print("Grade is C")
elif 69>=grade>=60:
  print("Grade is D")
else:
  print('Grade is F')
```

```
Enter the grade between 0 and 100: 93
Grade is A
```