Assignment-2   DEEKSHITH ATHMAKUR 700743388

Neural Networks and Deep learning

GitHub link: DEEKSHITH-ATHMAKUR/ICP2 (github.com)

In [1]:
```python
First_name = input("Enter the first name: ")
Last_name = input("Enter the last name: ")
fullName = First_name + " " + Last_name

def Full_name(fn,ln):
    print("Full name is: " + fn +" "+ ln)

Full_name(First_name, Last_name)

def string_alternative(str):
    print(str[::2])

string_alternative(fullName)
```

```
Enter the first name: DEEKSHITH
Enter the last name: ATHMAKUR
Full name is: DEEKSHITH ATHMAKUR
DESIHAHAU
```

In [36]:
```python
def wordcount():
    input_file = open("Input.txt", "r")
    data = input_file.readlines()
    output_file = open("Output.txt", "w")
    output_file.writelines(data)
    output_file.write("\n Word_Count : ")

    dict = {}
    for line in data:
        word = line.strip().split(" ")
        for w in word:
            s = "\n" + w + " " + str(word.count(w))
            output_file.write(s)

wordcount()
```

Jupyter Input.txt 13 minutes ago

File   Edit   View   Language

```
1  Python Course
2  Deep Learning Course
```

File   Edit   View   Language

```
1  Python Course Deep Learning Course
2   Word_Count :
3  Python 1
4  Course 2
5  Deep 1
6  Learning 1
```

In [24]:
```python
def convert():
    inches = [150, 155, 145, 148]
    cms = []
    for item in inches:
        cms.append(item * 2.5)
    print("List in Inches", inches)
    print("List in cm's", [item * 2.5 for item in inches])

convert()
```

```
List in Inches [150, 155, 145, 148]
List in cm's [375.0, 387.5, 362.5, 370.0]
```

In [ ]: