In [3]:

```
# readan entire text file
f = open("C:/Users/kolla/OneDrive/Documents/kolla3.txt", "r")
print (f.read())
```

```
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app. We're making ...
1.
To launch WhatsApp Web, just click on its URL in Chrome, Firefox, Opera, Saf
ari, or Edge and scan the QR code on the page with the WhatsApp mobile app f
rom your phone. WhatsApp Web automatically launches in the browser and remai
ns active until you log out on your computer or phone.
2.
Go to the WhatsApp website to link WhatsApp Web with your mobile phone app.
3.
Launch WhatsApp on your iPhone or Android mobile phone.
```

In [4]:

```
#read the first n Lines of a file
f = open("C:/Users/kolla/OneDrive/Documents/kolla3.txt", "r")
n = int (input("Enter number of lines to be printed: "))
for a in range(n) :
    print(f.readline())
```

```
Enter number of lines to be printed: 4
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app. We're making ...

1.

To launch WhatsApp Web, just click on its URL in Chrome, Firefox, Opera, Saf
ari, or Edge and scan the QR code on the page with the WhatsApp mobile app f
rom your phone. WhatsApp Web automatically launches in the browser and remai
ns active until you log out on your computer or phone.
```

In [8]:

```
#append text to a file and display the text
f = open("C:/Users/kolla/OneDrive/Documents/kolla3. txt", "a")

f. write("These are module 3 questions")

f. close()
f = open("C:/Users/kolla/OneDrive/Documents/kolla3. txt", "r")
print (f. read())
```

```
These are module 3 questionsThese are module 3 questionsThese are module 3 q
uestions
```

In [19]:

```
#Read numbers from a file and write even and odd numbers to separate files
f = open( "C:/Users/kolla/OneDrive/Documents/kollaevenodd.txt", "r")
string = f. read()
x = string.split()
even = []
odd = []
for i in range(0, len(x)):
    x[i] = int(x[i])
for a in x:

    if a%2 == 0:

        b = str(a)

        f = open( "C:/Users/kolla/OneDrive/Documents/kollaeven. txt", "a")

        f. write(b)

        f. write(" ")

        f. close()
    else:

        b = str(a)

        f = open( "C:/Users/kolla/OneDrive/Documents/kollaodd.txt", "a")

        f.write(b)

        f.write(" ")

        f. close()

        f = open("C:/Users/kolla/OneDrive/Documents/kollaeven.txt", "r")
        print(f.read( ))
        f = open("C:/Users/kolla/OneDrive/Documents/kollaodd3.txt", "r")
        print (f.read())
```

```
2468
13579
```

In [1]:

```
#count characters,word and lines in a text file.
f = open("C:/Users/kolla/OneDrive/Documents/kolla3. txt","r")
lines_count = 0
for line in f:
    line_count = lines_count + 1
character = 0
f =  open("C:/Users/kolla/OneDrive/Documents/kolla3. txt","r")
lines = f.readlines()
mystr = '\t'.join([line.strip() for line in lines])
for x in mystr:
    character = character + 1
word_count = str.split(mystr)
print("The file contains",lines_count,"lines",character,"characters and",len(word_count),)
```

```
The file contains 0 lines 84 characters and 13
```

In [2]:

```
import pandas as pd
req = int(input("enter required age:"))
record = {

 'Name': ['amruth','anoop','ashok','varsh'],
 'Age': [21,34,25,27]}

dataframe = pd.DataFrame(record,columns = ['Name','Age'])
rslt_df = dataframe[dataframe['Age'] >= req]

print(rslt_df)
```

```
enter required age:21
     Name  Age
0  amruth   21
1   anoop   34
2   ashok   25
3   varsh   27
```

In [3]:

```
import pandas as pd
record = {
 'Name': ['amruth','anoop','ashok','varsh'],
 'Occupation': ['teacher','police','lawyer','doctor'],
 'Salary': [32434,43554,4532,43543],}

dataframe = pd.DataFrame(record,columns = ['Name','Occupation','Salary'])
rslt_df = dataframe['Salary']
mean = dataframe["Salary"].mean()
print("the average salary is",mean)
```

```
the average salary is 31015.75
```

In [4]:

```
import json
x = {"name": "tej","age":18,"city":"vizag"}
y = json.dumps(x)
print(y)
```

```
{"name": "tej", "age": 18, "city": "vizag"}
```