

working_with_file

February 25, 2023

```
[28]: f=open("test.txt",'a')
```

```
[29]: f
```

```
[29]: <_io.TextIOWrapper name='test.txt' mode='a' encoding='UTF-8'>
```

```
[30]: pwd # present working Directory
```

```
[30]: '/home/jovyan/work'
```

```
[31]: ls
```

```
Assignment_4feb.ipynb      sample-code.ipynb
Class_Method.ipynb        Static_Method.ipynb
day2/                     test.txt
day2.ipynb                'tuple set dict Assingment.ipynb'
day3.ipynb                tuples.ipynb
'day 4 string.ipynb'      Untitled1.ipynb
decorators.ipynb          Untitled2.ipynb
Function.ipynb            Untitled3.ipynb
lambda1.ipynb            Untitled4.ipynb
Map_Reduce_Filter.ipynb   'Untitled Folder'/
new-workspace.jupyterlab-workspace Untitled.ipynb
Opps.ipynb               working_with_file.ipynb
README.md
```

```
[32]: f.write("I am the king of my own empire")
```

```
[32]: 30
```

```
[33]: f.close()
```

```
[34]: f.read
```

```
[34]: <function TextIOWrapper.read(size=-1, /)>
```

```
[17]: f=open("test.txt","a")
```

```
[18]: f.write("INDIA IS MY COUNTRAY")
```

```
[18]: 20
```

```
[21]: f.close()
```

```
[35]: data=open("test.txt","r")
```

```
[36]: data.read()
```

```
[36]: 'I am the king of my own empireINDIA IS MY COUNTRAYI am the king of my own  
empireI am the king of my own empire'
```

```
[38]: data.seek(0)
```

```
[38]: 0
```

```
[39]: data.read()
```

```
[39]: 'I am the king of my own empireINDIA IS MY COUNTRAYI am the king of my own  
empireI am the king of my own empire'
```

```
[40]: data.seek(5)
```

```
[40]: 5
```

```
[41]: data.read()
```

```
[41]: 'the king of my own empireINDIA IS MY COUNTRAYI am the king of my own empireI am  
the king of my own empire'
```

```
[52]: f=open("test.txt","r")  
print(f.read())
```

```
I am the king of my own empireINDIA IS MY COUNTRAYI am the king of my own  
empireI am the king of my own empire
```

```
[54]: data1=open("test.txt",'r')
```

```
[55]: for i in data1:  
    print(i)
```

```
I am the king of my own empireINDIA IS MY COUNTRAYI am the king of my own  
empireI am the king of my own empire
```

```
[57]: import os  
os.path.getsize("test.txt")
```

[57]: 110

```
[58]: import shutil
```

```
[59]: shutil.copy("test.txt", "kk.txt")
```

[59]: 'kk.txt'

```
[60]: os.remove("test.txt")
```

```
[62]: os.rename("kk.txt", "test1.txt")
```

```
[1]: data={"name": "kishor",  
          "mailid": "kk@gmail.com",  
          "mobile_number": 74673628,  
          "subject": ["data science", "big data", "data analytics"]}
```

```
[2]: data
```

```
[2]: {'name': 'kishor',  
      'mailid': 'kk@gmail.com',  
      'mobile_number': 74673628,  
      'subject': ['data science', 'big data', 'data analytics']}
```

```
[3]: import json
```

```
[4]: with open("test1.json", "w") as f:  
      json.dump(data, f)
```

```
[5]: with open("test1.json", "r") as f:  
      data1=json.load(f)
```

```
[6]: data1
```

```
[6]: {'name': 'kishor',  
      'mailid': 'kk@gmail.com',  
      'mobile_number': 74673628,  
      'subject': ['data science', 'big data', 'data analytics']}
```

```
[7]: data1['subject']
```

```
[7]: ['data science', 'big data', 'data analytics']
```

```
[8]: data1["subject"][1]
```

```
[8]: 'big data'
```

```
[14]: data=[["name","mailid","number"],
            ["kk","kk@gmail.com",4367265],
            ["pk","pk@gmail.com",69089698]
        ]
```

```
[15]: import csv
```

```
[17]: with open("test3.csv","w") as f:
        w=csv.writer(f)
        for i in data:
            w.writerow(i)
```

```
[19]: with open("test3.csv","r") as f:
        read=csv.reader(f)
        for i in read:
            print(i)
```

```
['name', 'mailid', 'number']
['kk', 'kk@gmail.com', '4367265']
['pk', 'pk@gmail.com', '69089698']
```

```
[20]: with open("test4.bin","wb") as f:
        f.write(b"\x01\x02\x03")
```

```
[22]: with open("test4.bin","rb") as f:
        print(f.read())
```

```
b'\x01\x02\x03'
```

```
[ ]:
```