

file

October 17, 2019

```
[6]: # Download Example file
!wget -O /resources/data/Example1.txt https://s3-api.us-geo.objectstorage.
     ↪softlayer.net/cf-courses-data/CognitiveClass/PY0101EN/labs/example1.txt
```

```
--2019-09-29 11:34:25-- https://s3-api.us-geo.objectstorage.softlayer.net/cf-
courses-data/CognitiveClass/PY0101EN/labs/example1.txt
Resolving s3-api.us-geo.objectstorage.softlayer.net (s3-api.us-
geo.objectstorage.softlayer.net)... 67.228.254.193
Connecting to s3-api.us-geo.objectstorage.softlayer.net (s3-api.us-
geo.objectstorage.softlayer.net)|67.228.254.193|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 45 [text/plain]
Saving to: '/resources/data/Example1.txt'

/resources/data/Exa 100%[=====>]      45  --.-KB/s    in 0s

2019-09-29 11:34:25 (21.4 MB/s) - '/resources/data/Example1.txt' saved [45/45]
```

```
[14]: example1= "/resources/data/Example1.txt"
      #file1=open(example1,'r')
      #open file using open
      with open(example1,'r') as file1:
          FileContent = file1.read()
          print(FileContent)

      file1.closed
      print(FileContent)
```

```
This is line 1
This is line 2
This is line 3
This is line 1
This is line 2
This is line 3
```

```
[23]: with open(example1,'r') as file1:
      print("First Line:" + file1.readline())
```

First Line:This is line 1

```
[24]: #iteration
with open(example1,'r') as file1:
    i=0;
    for line in file1:
        print("iteratin",str(i),":",line)
        i=i+1
```

iteratin 0 : This is line 1

iteratin 1 : This is line 2

iteratin 2 : This is line 3

```
[28]: with open(example1,'r') as file1:
      File=file1.readlines()
```

```
[29]: File[0]
```

```
[29]: 'This is line 1 \n'
```

```
[30]: File[1]
```

```
[30]: 'This is line 2\n'
```

```
[31]: File[2]
```

```
[31]: 'This is line 3'
```

```
[32]: Line=["I am a\n He is b\n She is c"]
      print(Line)
```

```
['I am a\n He is b\n She is c']
```

```
[39]: example2="/resources/data/Example2.txt"
with open(example2,'w') as file2:
    WriteFile=file2.write("this ia aa\n")
```

```
[40]: with open(example2,'r') as file2:
      readFile=file2.read()
      readFile
```

```
[40]: 'this ia aa\n'
```

```
[41]: with open(example2,'a') as file2:
      WriteFile=file2.write("this ia cc")
```

```
[42]: with open(example2,'r') as file2:
      readFile=file2.read()
      readFile
```

```
[42]: 'this ia aa\nthis ia cc'
```

```
[43]: Line
```

```
[43]: ['I am a\n He is b\n She is c']
```

```
[46]: Line=["I am a\n", "He is b\n", "She is c"]
      print(Line)
```

```
['I am a\n', 'He is b\n', 'She is c']
```

```
[52]: with open(example2,'w') as file2:
      for line in Line:

          file2.write(line)
          print(line)
```

```
I am a
```

```
He is b
```

```
She is c
```

```
[53]: with open(example2,'r') as file2:
      print(file2.read())
```

```
I am a
```

```
He is b
```

```
She is c
```

```
[56]: with open(example2,'r') as file2:
      with open("example3.txt",'w') as file3:
          for line in file2:
              file3.write(line)

      with open("example3.txt",'r') as readfile2:
          print(readfile2.read())
```

```
I am a
```

```
He is b
```

```
She is c
```

[]: