

```
In [1]: f = open("D:\\book1.txt", "r")
print(f.read())
```

```
i»Twinkle, twinkle, little star
How I wonder what you are
Up above the world so high
Like a diamond in the sky
```

```
In [2]: f = open("D:\\book1.txt", "r")
print(f.readline())
print(f.readline())
print(f.readline())
print(f.readline())
```

```
i»Twinkle, twinkle, little star

How I wonder what you are

Up above the world so high

Like a diamond in the sky
```

```
In [9]: f = open("Book2.txt", "a")
f.write("How you doing")
f.close()
f = open("Book2.txt", "r")
print(f.read())
```

```
How you doingHow you doing
```

```
In [ ]: file = open("even_odd.txt", "rt")
for i in file:
    if i.strip:
        num = int(i)
        if (num % 2 == 0):
            even = open("even.txt", "a")
            even.write(str(num))
            even.write("\n")
        else:
            odd = open("odd.txt", "a")
            odd.write(str(num))
            odd.write("\n")
```

```
In [15]: file = open("book1.txt", "r")
number_of_lines = 0
number_of_words = 0
number_of_characters = 0
for line in file:
    line = line.strip("\n")
words = line.split()
number_of_lines += 1
number_of_words += len(words)
number_of_characters += len(line)
file.close()
print("lines:", number_of_lines, "words:", number_of_words, "characters:",
number_of_characters)
```

lines: 1 words: 3 characters: 13

```
In [ ]: list = ["Nancy", " Steve", "Eleven", "Dustin"]
textfile = open("D:\\book1.txt", "r")
for element in list:
    textfile.write(element+"\n")
textfile.close()
```

```
In [ ]: import pandas as pd
import numpy as np
cols = [1, 2, 4]
df = pd.read_csv('D:\\subject.csv', usecols=cols)
df
```

```
In [40]: import json
x={
    "name": "Clarie",
    "age": 45,
    "city": "New York",
    "occupation": "entrepreneure"
}
y = json.dumps(x)
print(y)
```

{"name": "Clarie", "age": 45, "city": "New York", "occupation": "entrepreneur  
e"}

```
In [31]: import pandas as pd
file = {
    "name": ['phil', 'haley', 'alex', 'luke'],
    "age": [48, 21, 19, 17]
}
df = pd.DataFrame(file)
print(df.loc[0])
```

name phil  
age 48  
Name: 0, dtype: object

In [ ]: