TEXT FILE AND JSON OPERATION

Ex.No. :3c

Date :

AIM:

 To open,read and write the text files and perform basic json operation in jupytor notebook.

SOFTWARE USED:

Jupyter notebook

DESCRIPTION:

1. Open text file in write mode.
2. Write the text content and close the files.
3. Open the same text file in read mode.
4. Read the file content through readline function and close the file.
5. Open the same file in append mode.
6. Add a few more text and close the file.
7. Open the same text file in read mode.
8. Read the entire file content through read function and close the file.
9. Use basic JSON loads and dumps function.

PROGRAM:

```
f=open("/Users/student/Downloads/Text1.txt","w")

f.write("Wakeup early\n")

f.write("Read daily\n")

f.write("Be punctual\n")

f.close()


a=open("/Users/student/Downloads/Text1txt","r")

print(a.readline())

print(a.readline())

print(a.readline())

a.close()
```

```
b= open("/Users/student/Downloads/Text1.txt", 'a')
b.write("Bavani\n")
b.write("Rithika\n")
b.close()
c= open("/Users/student/Downloads/Text1.txt", 'r')
print(c.read())


with open("/Users/student/Downloads/Text1.txt","r")  as  file:
    lines=file.readlines()
    print(lines)
    file.close()


import json
x='''{"Name":"Sundar","Age":25,"City":"Mumbai"}'''
y=json.loads(x)
print(y['city'])


y=json.dumps(x)
print(y)
```

OUTPUT:

Wakeup early

Read daily

Be punctual

Wakeup early

Read daily

Be punctual

Bavani

Rithika

['Wakeup early\n', 'Read daily\n', 'Be punctual\n', 'Bavani\n', 'Rithika']

Mumbai

{"Name": "Sundar", "Age": 25, "City": "Mumbai"}

Result:

Thus the text file was opened,read and written and basic JSON operations has been performed.