In [3]:

```
#read an entire text file
f=open("D:\\myself.txt","r")
print(f.read())
```

Hi!
i am srihitha.
studying in gitam university.spectilization-core.
my fvorite colour is blue.
i love to listen songs.

In [4]:

```
#read an entire text file
f=open("D:\\myself.txt","r")
print(f.read())
```

Hi!
i am srihitha.
studying in gitam university.spectilization-core.
my fvorite colour is blue.
i love to listen songs.

In [5]:

```
#read the first n lines of a file
f=open("D:\\myself.txt","r")
print(f.readline())
```

Hi!

In [15]:

```
#append text to file and display the text.
f=open("D:\\myself.txt","a")
f.write("I love my India.")
f.close()
f=open("D:\\myself.txt","r")
print(f.read())
```

Hi!
i am srihitha.
studying in gitam university.spectilization-core.
my fvorite colour is blue.
i love to listen songs.I love my India.

In [12]:

```python
#Given a csv file or excel file to read it into a data frame and display it.
import pandas as pd
a=pd.read_csv("D:\\Book1 (1).csv")
b=pd.DataFrame(a)
print(b)
```

```
   sno       name  age gender        address passport licence
0    1        sri   17      f          vizag      yes      no
1    2      deepu   15      f  vizayanagaram       no      no
2    3       ravi   31      m           tuni      yes     yes
3    4       raju   26      m      banguluru       no      no
4    5   harshitha   19      f        chennai       no     yes
5    6     chakri   29      m      tamilnadu       no     yes
6    7     kruthi   16      f          vizag      yes      no
7    8   pushpitha   20      f        chennai       no     yes
8    9  charishma   19      f      karnataka      yes      no
9   10      nihal   18      m     australlia      yes      no
```

In [7]:

```python
#given a data frame, select rows based on a condition
import pandas as pd
a={
    "songs":["hindi","telugu","english"],
    "New":[20,21,22]
}
b=pd.DataFrame(a)
print(b.loc[[0,1]])
```

```
    songs  New
0   hindi   20
1  telugu   21
```

In [10]:

```python
#given is a dataframe showing the name,occupation,salary of people.
import pandas as pd
a={
    "Names":["sunita","nihal","ninish","nikitha","nina"],
    "Occ":["teacher","doctor","police","artist","dancer"],
    "Salary":[54000,150000,70000,68000,45000]
}
b=pd.DataFrame(a)
average=b.groupby('Occ')['Salary'].mean()
print(average)
```

```
Occ
artist       68000.0
dancer       45000.0
doctor      150000.0
police       70000.0
teacher      54000.0
Name: Salary, dtype: float64
```

In [13]:

```python
#write a pandas praogram to read specific colmns from a given excel file.
import pandas as pd
a=pd.read_csv("D:\\Book1 (1).csv")
print(a.head(3))
```

```
   sno   name  age gender        address passport licence
0    1    sri   17      f          vizag      yes      no
1    2  deepu   15      f  vizayanagaram       no      no
2    3   ravi   31      m           tuni      yes     yes
```

In [ ]:

In [ ]:

In [ ]: