In [16]:

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

```
Hi!
This is harshitha.
Studying in gitam university.
specilization-core
i love to listen songs.
```

In [17]:

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

```
Hi!
This is harshitha.
Studying in gitam university.
specilization-core
i love to listen songs.
```

In [18]:

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

```
Hi!
```

In [19]:

```
#append text to file and display the text.
f=open("D:\\me.txt","a")
f.write("My favourite color is pink.")
f.close()
f=open("D:\\me.txt","r")
print(f.read())
```

```
Hi!
This is harshitha.
Studying in gitam university.
specilization-core
i love to listen songs.My favourite color is pink.
```

In [24]:

```
#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:\\note.csv")
b=pd.DataFrame(a)
print(b)
```

```
    sno       name  age gender        address passport licence
0     1  harshitha   14      f        chennai      yes      no
1     2        sai   19      m          vizag       no     yes
2     3     harsha   22      m      karnataka       no      no
3     4      vihan   16      m      banguluru      yes      no
4     5        sri   18      f  vizayanagaram      yes      no
5     6      sunil   29      m         kerala      yes     yes
6     7     sushma   23      f       hydrabad       no     yes
7     8      nidhi   31      f     maharastra       no     yes
8     9       nira   16      f       tirupati      yes      no
9    10    ninisha   19      f         kadapa      yes      no
10   11      nihal   19      m         odissa      yes     yes
11   12     nickle   17      m         kerala       no      no
12   13  keshwitha   25      f          vizag      yes     yes
13   14       lata   23      f     tamil nadu       no      no
14   15       lila   19      f        chennai       no     yes
```

In [23]:

```
#given a data frame, select rows based on a condition
import pandas as pd
a={
    "schools":["sri chaitanya","narayana","ravindra bharati","st joph"],
    "ratings":[4,4,3,5]
}
b=pd.DataFrame(a)
print(b.loc[[0,1]])
```

```
         schools  ratings
0  sri chaitanya        4
1       narayana        4
```

In [22]:

```
#given is a dataframe showing the name,occupation,salary of people.
import pandas as pd
a={
     "Names":["nitish","nira","kavya","sweetha","phani"],
    "Occ":["doctor","army","enginner","singer","pilot"],
    "Salary":[170000,98000,140000,78000,190000]
}
b=pd.DataFrame(a)
average=b.groupby('Occ')['Salary'].mean()
print(average)
```

```
Occ
army         98000.0
doctor      170000.0
enginner    140000.0
pilot       190000.0
singer       78000.0
Name: Salary, dtype: float64
```

In [25]:

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

```
   sno       name  age gender    address passport licence
0    1  harshitha   14      f    chennai      yes      no
1    2        sai   19      m      vizag       no     yes
2    3     harsha   22      m  karnataka       no      no
```

In [ ]:

In [ ]:

In [ ]: