In [ ]:
```
def line_count():
    file = open("/content/book.txt","r")
    count=0
    for line in file:
        print(line)
    file.close()
    print("No of lines not starting with 'T'=",count)

line_count()
```

```
reading and writing files, programs can exchange information.

with each other and generate printable formats like PDF.

Working with files is a lot like working with books.

To use a book, you have to open it. When you’re done,

you have to close it.

 While the book is open, you can either write in it or read from it.

 In either case, you know where you are in the book.

Most of the time, you read the whole book in its natural order, but you
can also skip around.

All of this applies to files as well.
No of lines not starting with 'T'= 0
```

In [ ]:
```
#Write a function in python to count the number of lines from a text f
ile "story.txt"
#which is not starting with an alphabet "T".
def line_count():
    file = open("/content/book.txt","r")
    count=0
    for line in file:
        if line[0] not in 'T':
            count+= 1
    file.close()
    print("No of lines not starting with 'T'=",count)

line_count()
```

```
No of lines not starting with 'T'= 8
```

In [ ]:
```
#display_words() in python to read lines from a text file "story.txt",
and
#display those words, which are less than 4 characters.
def display_words():
    file = open("/content/book.txt","r")
    data = file.read()
    words = data.split()
    for word in words:
        if len(word) < 4:
            print(word, end=" ")
    file.close()

display_words()
```

```
and can and is a lot To use a you to it. you to it. the is you can in i
t or it. In you you are in the of the you the in its but you can All of
to as
```

In [ ]:
```
import pickle
mylist=['a','b','c']
with open ("data.jpg",'wb') as fp:
  pickle.dump(mylist,fp)
```

In [ ]:
```
import pickle
with open ("data.jpg",'rb') as fp:
  data=pickle.load(fp)
print(data)
```

In [ ]:
```
import pickle
def add_record():
    outfile = open('emp.dat', 'ab')
    empcode = int(input('Enter Employee code: '))
    name = input('Enter Employee name: ')
    salary = int(input('Enter salary: '))
    employee = [empcode,name,salary]
    pickle.dump(employee, outfile)
    outfile.close()

def read_records():
      infile = open('emp.dat', 'rb')
      employee = pickle.load(infile)
      print('Employee code:', employee[0])
      print('Employee name:', employee[1])
      print('Salary:', employee[2])
      infile.close()
add_record()
read_record()
```