In [8]:
```
lines=1
tabs=0
spaces=0
try:
    f = open("trial2.txt", "r")
    file2=f.read()
    f.close()
    for char in file2:
        #print(char)
        if char==" ":
            spaces+=1
        if char=="\t":
            tabs+=1
        if char=="\n":
            lines+=1
except:
    print("File not Found or in Write mode")
# f = open("trial2.txt", "r")
# #file=f.readline(0)
# for line in f:
#     print(line)
#     lines+=1

print("Total no of lines are",lines)
print("Total no of tabs are",tabs)
print("Total no of spaces are",spaces)
```

```
Total no of lines are 6
Total no of tabs are 3
Total no of spaces are 6
```

In [7]:
```
message = "something 1\n\tsomething 2\nsomething 3\n\tSomething 4\nsomething 5\n\tsomething 6"
f = open("trial2.txt", "w")
file2=f.write(message)
f.close()
```

In [5]:
```
import pickle
l=[tuple(line.strip().split("\n")) for line in open('cities_and_times.txt','r')]
l.sort()
# print(len(l))
dump=open("dump","wb")
pickle.dump(l,dump)
dump.close()

####now save thisfile and if you want to load just run the following snippets in new file
load=open("dump","rb")
print(pickle.load(load))
```

```
[("('Amsterdam', 'Sun', (8, 52))",), ("('Anchorage', 'Sat', (23, 52))",), ("('Ankara', 'Sun',(10, 52))",), ("('Athens',
'Sun', (9, 52))",), ("('Atlanta', 'Sun', (2, 52))",), ("('Auckland', 'Sun',(20, 52))",), ("('Barcelona', 'Sun', (8, 5
2))",), ("('Beirut', 'Sun', (9, 52))",), ("('Toronto', 'Sun', (2, 52))",), ("('Vancouver', 'Sun', (0, 52))",), ("('Vien
na', 'Sun', (8, 52))",), ("('Warsaw', 'Sun', (8, 52))",), ("('Washington DC', 'Sun', (2, 52))",), ("('Winnipeg', 'Sun',
(1, 52))",), ("('Zurich', 'Sun', (8, 52))",)]
```

In [82]:
```
import random
l=[tuple(line.strip().split("\n")) for line in open('cities_and_times.txt','r')]
random.shuffle(l)
print(l)
```

```
[("('Atlanta', 'Sun', (2, 52))",), ("('Washington DC', 'Sun', (2, 52))",), ("('Auckland', 'Sun',(20, 52))",), ("('Toron
to', 'Sun', (2, 52))",), ("('Vancouver', 'Sun', (0, 52))",), ("('Anchorage', 'Sat', (23, 52))",), ("('Amsterdam', 'Su
n', (8, 52))",), ("('Winnipeg', 'Sun',(1, 52))",), ("('Vienna', 'Sun', (8, 52))",), ("('Ankara', 'Sun',(10, 52))",), ("
('Athens', 'Sun', (9, 52))",), ("('Beirut', 'Sun', (9, 52))",), ("('Barcelona', 'Sun', (8, 52))",), ("('Zurich', 'Sun',
(8, 52))",), ("('Warsaw', 'Sun', (8, 52))",)]
```