In [2]:

```python
import os
import shutil
import time
import threading
from threading import *
from threading import Thread
from time import sleep
```

In [7]:
```python
#creating a folder
path1 ='F:\Files\Processing'

try:
 os.makedirs(path1)
 print('folder created')

except FileExistsError:
 print('File Already exist')

path2='F:\files\Queue'
try:
 os.makedirs(path2)
 print('folder created')

except FileExistsError:
 print('File Already exist')

path3='F:\files\Process'

try:
 os.makedirs(path3)
 print('folder created')

except FileExistsError:
 print('File Already exist')
```

```
---------------------------------------------------------------------------
OSError                                   Traceback (most recent call last)
<ipython-input-7-55318f4862c9> in <module>
      3
      4 try:
----> 5   os.makedirs(path1)
      6   print('folder created')
      7

~\anaconda3\lib\os.py in makedirs(name, mode, exist_ok)
    211         if head and tail and not path.exists(head):
    212             try:
--> 213                 makedirs(head, exist_ok=exist_ok)
    214             except FileExistsError:
    215                 # Defeats race condition when another thread created the pa
th

~\anaconda3\lib\os.py in makedirs(name, mode, exist_ok)
    221                 return
    222         try:
--> 223             mkdir(name, mode)
    224         except OSError:
    225             # Cannot rely on checking for EEXIST, since the operating syste
m

OSError: [WinError 123] The filename, directory name, or volume label syntax is
incorrect: 'F:\x0ciles'
```

In [8]:
```python
path1 ='F:\Files\Processing'

try:
 os.makedirs(path1)
 print('folder created')

except FileExistsError:
 print('File Already exist')
```

folder created

In [10]:
```python
path2='F:\Files\Queue'
try:
 os.makedirs(path2)
 print('folder created')

except FileExistsError:
 print('File Already exist')
```

folder created

In [11]:
```python
path3='F:\Files\Process'

try:
 os.makedirs(path3)
 print('folder created')

except FileExistsError:
 print('File Already exist')
```

folder created

In [16]:
```python
class first(Thread):
    def run(self):
                for i in range(10):
                    text=open('F:\\Files\\Processing\\new.txt','w+')
                    text.close()
                    sleep(2)

class second(Thread):
    def run(self):
                #for i in range(10):
                shutil.move ('F:\\Files\\Processing\\new.txt','F:\\Files\\Queue'
                sleep(0.1)

class third(Thread):
    def run(self):
                #for i in range(10):
                shutil.move ('F:\\Files\\Queue\\new.txt','F:\\Files\\Process\\ne
                sleep(0.1)

f1=first()
f2=second()
f3=third()

f1.start()
f1=threading.Timer(1,first)
sleep(2)
f2.start()
f2=threading.Timer(1,second)
sleep(2)
f3.start()
f3=threading.Timer(1,third)
sleep(2)
```

In [ ]: