Experiment_8_Deadlock

1. Deadlock.py

```python
from threading import Thread,Lock

class Counter(object):
        def __init__(self):
                self.value = 0
#               self.lock = Lock()
        def increment(self):
#               with self.lock:
#                       self.value += 1
                self.value += 1
c = Counter()

def go():
        for i in range(10000):
                c.increment()

t1 = Thread(target=go)
t1.start()
t2 = Thread(target=go)
t2.start()

t1.join()
t2.join()
print(c.value)
```

Note :- ** Uncomment the line to protect from deadlock **

Output

Counter Didn't Run for 20000 - 17498 = 2502