

MT21MCS013 Jay Chachapara

Threading

In [1]:

```
import time
import threading
```

In [10]:

```
def add(cnt : int) :
    while cnt != 10000000 :
        cnt += 1
    print(cnt)
```

In [11]:

```
start_time = 0
def Time() :
    start_time = time.time()
```

In [14]:

```
cnt = 0
t1 = threading.Thread(target=add, args=(cnt,))
t2 = threading.Thread(target=Time)

t2.start()
t1.start()

t1.join()
t2.join()
print("time taken is ",(time.time() - start_time)/(10**9),"secs")
```

```
10000000
time taken is  1.6447819926893292 secs
```

In []: