**Demonstrate the use of multithreading for printing tables**

**Code**

import threading

import time

def print\_table(num):

# Acquire the lock for printing

queueLock.acquire()

print("Table of {}:".format(num))

for i in range(1, 11):

print(i \* num)

# Release the lock after printing

queueLock.release()

# Sleep outside the locked region

time.sleep(1)

queueLock = threading.Lock()

if \_\_name\_\_ == "\_\_main\_\_":

# Numbers for which multiplication tables are required

numbers = [5, 6, 7, 8, 9]

# Create and start a thread for each number

threads = []

for num in numbers:

thread = threading.Thread(target=print\_table, args=(num,))

threads.append(thread)

thread.start()

# Wait for all threads to complete

for thread in threads:

thread.join()

print("All threads are finished...exiting")

**OUTPUT:-**

