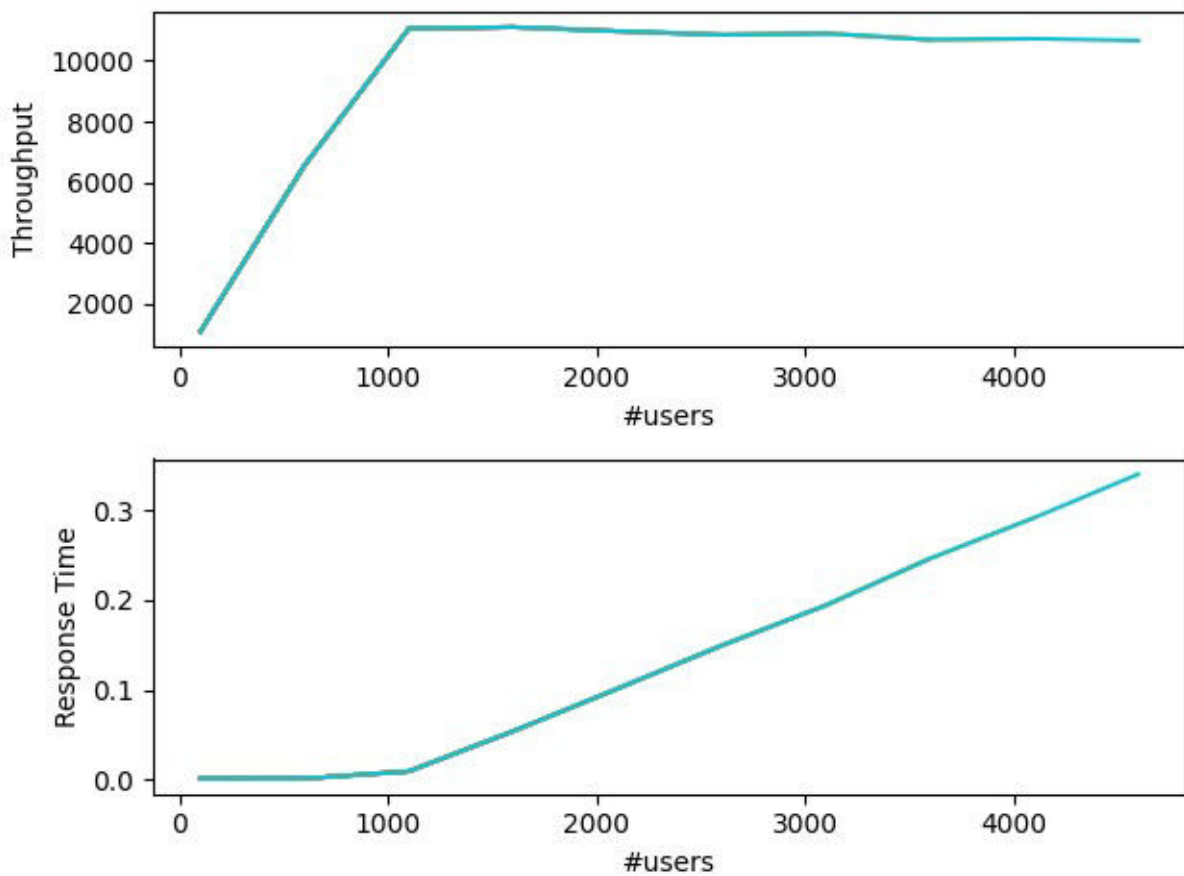


**Name: Sayan Surya Shaw**  
**Roll- 22M0760**

**System Configuration:**

CPU Physical Cores: 4  
Logical Cores:8  
Max Frequency: 3400 Mhz  
RAM: 8 GB

**The Throughput vs #users and Response Time vs #users graph:**



From the graph, we can notice that in my system, after around 1200 users the throughput saturation is occurring. And we are getting CPU bottleneck.  
taskset -c 1 ./http 8000: After running this command, we are getting 100% CPU core 1 utilization after the saturation point.