CSE421_Lab 02

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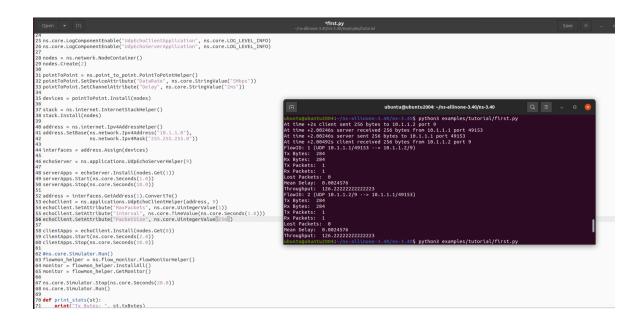
ID: 21101237 **Section:** 10

Screenshots of Throughputs for different Packet sizes are given below:

1. Packet size: 128

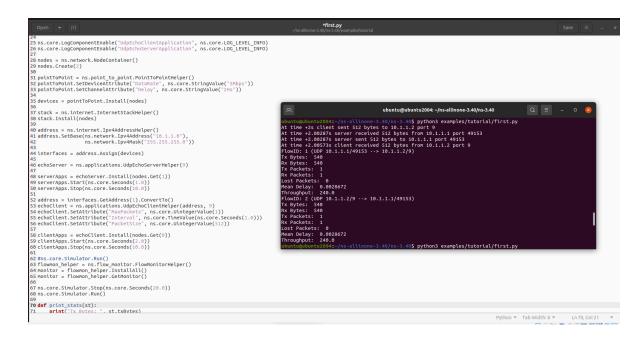
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### Tight by Incomplete the properties of the pr
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Throughput: 69.3333



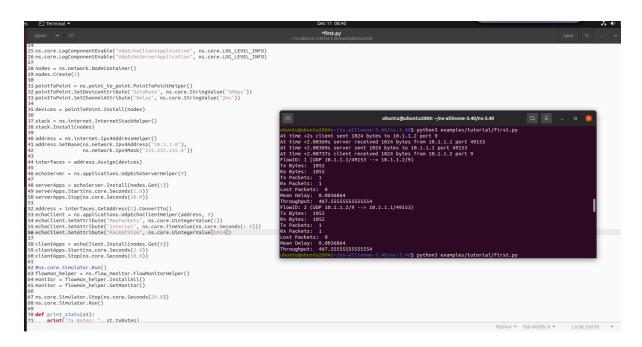
Throughput: 126.2223

```
tts: 1
tts: 1
tts: 1
tkets: 0
tkets: 1
tkets: 0
```



Throughput: 240.0

```
ubunt@pbuntu2001:-/ns-allinone-3.40/ns-3.405 python3 examples/tutorial/first.py
At time *2.00207s server received $12 bytes for 10.1.1.2 port 9
At time *2.00207s server received $12 bytes from 10.1.1.1 port 49153
At time *2.00207s server received $12 bytes from 10.1.1.2 port 9
Flow[10: 1(0)P 10.1.1.1/49153 --> 10.1.1.2/9)
Flow[10: 2(0)P 10.1.1.1/49153)
Flow[10: 2(0)P 10.1.1.1/49153)
Flow[10: 2(0)P 10.1.1.1/2/9 --> 10.1.1.1/49153)
Flow[10: 2(0)P 10.1.1.1/2/9 --> 10.1.1.1/49153)
Flow[10: 2(0)P 10.1.1.1/49153)
Flow[10: 2(0)P 10.1.1.1/49153]
Flow[10: 2(0)P 10.1.1/49153]
Flow[10: 2(0)P 10.1.1.1/49153]
Flow[10: 2(0)P 10.1.1.1/49153]
Flow[10: 2(0)P 10.
```



Throughput: 467.5554

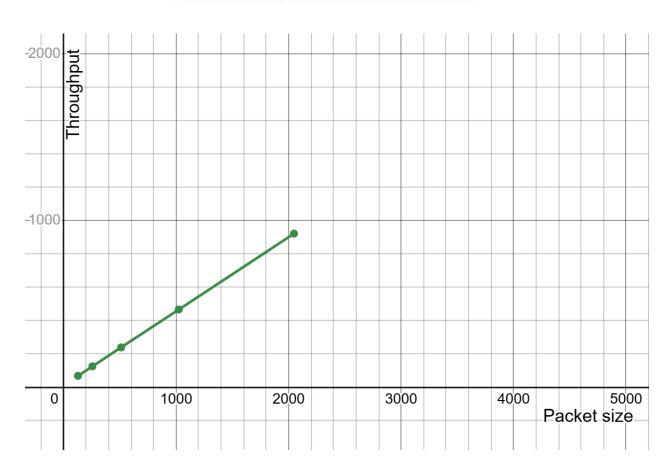
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### Annual Company of Company of
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Throughput: 922.6667

Graph: Throughput (y-axis) vs Packet size (x-axis)

x_1	\mathbf{N} y_1	
128	69.3333	
256	126.2222	
512	240	
1024	467.5556	
2048	922.6667	



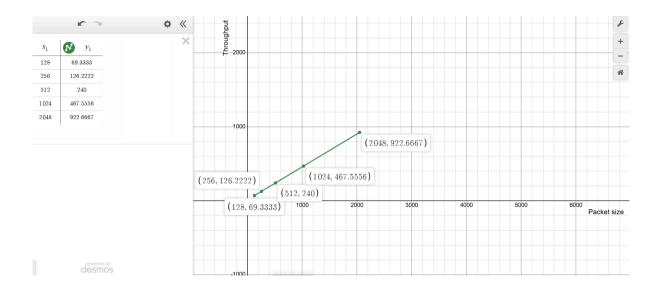


Figure: Throughput vs Packet size graph

If we plot packet size against throughput, we can see a straight line. The following graph shows that throughput is directly proportional to packet size. Therefore if we increase the packet size of our data, throughput will also increase proportionally.