

Lab report

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Ex2

```
➤ ./tcp_client2 localhost
canonical name: localhost
AF_INET
The file length is 29896 bytes
29904 data sentAve Time(ms) : 0.380, Ave Data sent(byte): 29896
Ave Data rate: 78673.687500 (Kbytes/s)
```

The message transfer time on localhost is 0.380s, and the throughput is 78.673 Mbytes/s

Ex3

The transfer time and throughput values obtained below are average value from 30 transmissions.

Data unit size (bytes)	message transfer time (ms)	throughput (Kbyte/s)
100	31.131	2855.856934
500	30.537	2313.302734
1000	26.355	2850.205811
5000	24.942	2708.191650
10000	21.289	3236.060547

Ex4



