

CO324 – Lab06 – Exercises

1. The Java IO package is primarily focused on input and output to files, network streams, internal memory buffers etc. However, the Java IO package does not contain classes to open network sockets which are necessary for network communication. For that purpose you need to use the Java Networking API. Once you have opened a socket (network connection) though, you read and write data to and from it via Java IO's InputStream and OutputStream classes.
2. Refer the source codes
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4. In java datagrams it has a default upper boundary on the amount of bytes we can send. It is about 64kB of data. datagrams that exceeds the above size will be dropped.
5.
 - Considered that time taken to compile and run the program are negligible.
 - Assume that there are no congestion on the network.
 - To calculate RTT, Transmission and Processing Time are neglected.