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| **Group : 12 Roll No.** | **45.46.47.48** | | |
| **Name of Microproject** | **Creating and Configuring a P2P Network** | | |
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| **Name of Industry** | NA | | |
| **Nature of Project** | Application | | |
| **Application(s) of Project** | NA | | |
| **Abstract**: This paper scrutinizes the use of different practices and methods in Data Communication and Computer Network, enabling viewer to get the complete concept of different aspects of it.  To satisfy this we have implemented the procedure to create a Peer-to-Peer Network (P2P) between two system connected to same network.    A little demonstration video was created which is also used as a reference to the output. | | | |
| **Introduction**:  Data transmission and data reception (or, more broadly, data communication or digital communications) is the transfer and reception of data (a digital bitstream or a digitized analog signal) over a point-to-point or point-to-multipoint communication channel.  A computer network is a group of computers that use a set of common communication protocols over digital interconnections for the purpose of sharing resources located on or provided by the network nodes.  Peer-to-peer (P2P) computing or networking is a distributed application architecture that partitions tasks or workloads between peers.  Peers are equally privileged, equipotent participants in the application. They are said to form a peer-to-peer network of nodes. | | | |
| Peer-to-peer - Wikipedia | Why Was Napster Acquired For US$70 Million? - Boss Hunting | | 3.5.1 Computer Networks |
| **Fig. 1: Peer-to-Peer Network** | **Fig. 2: Napster-P2P Program** | | **Fig. 3: Computer Network** |
| **Competitions**: NA | | | |

**Creating and Configuring a P2P Network**