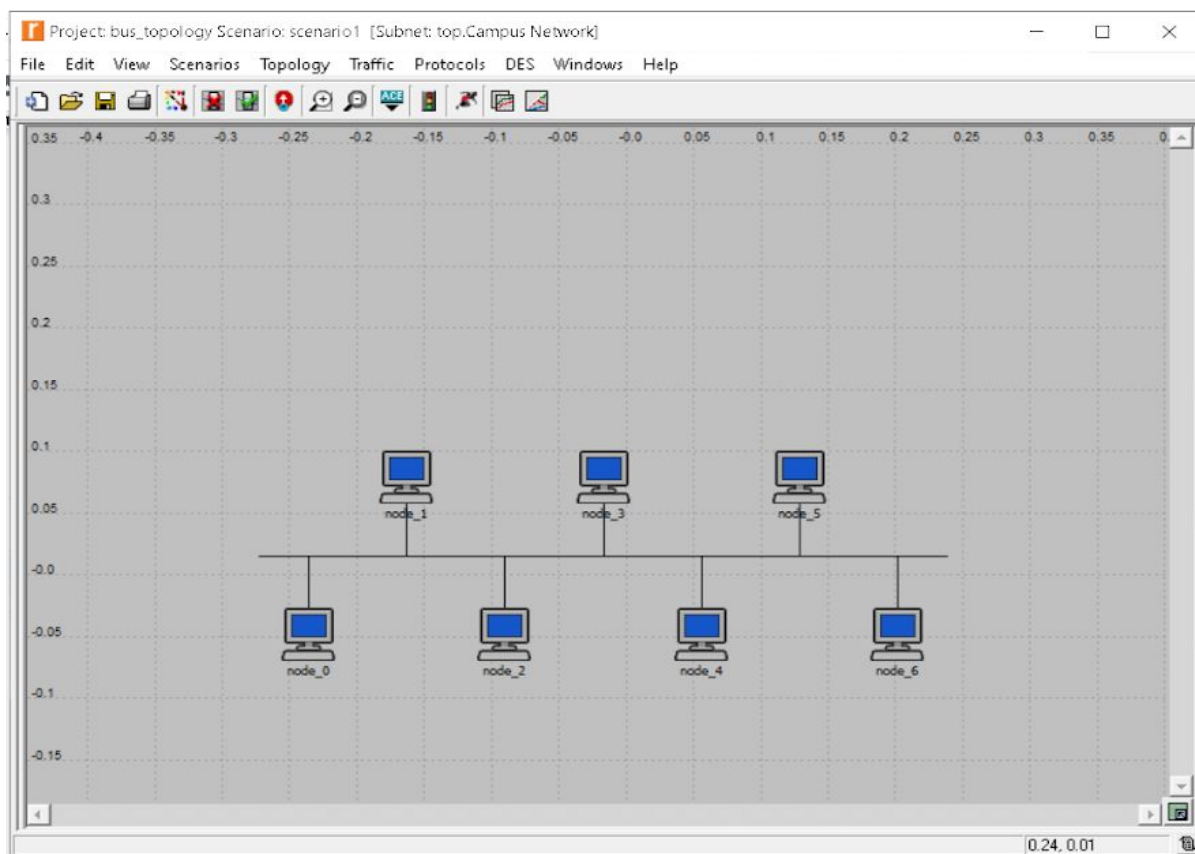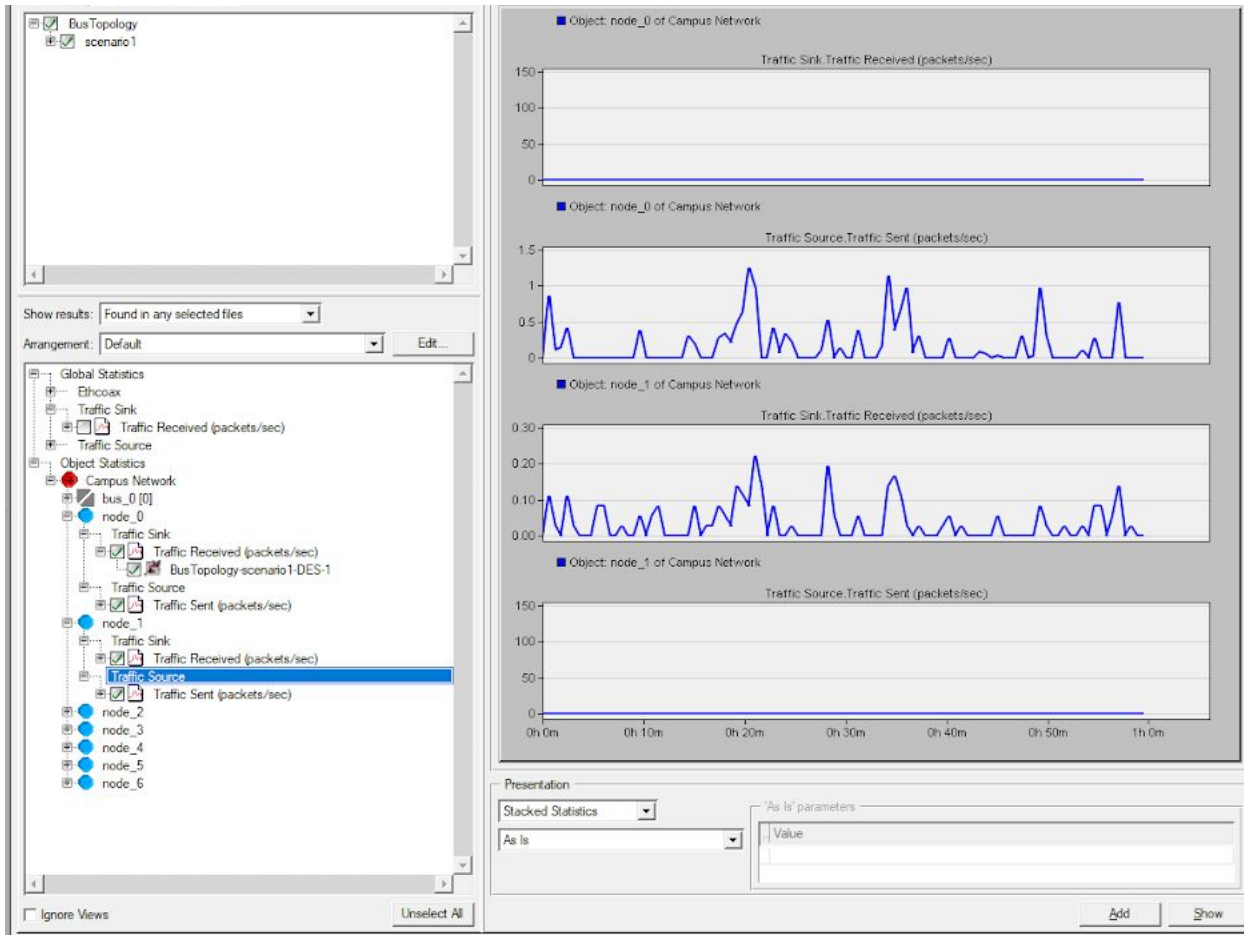# CSN-361
Assignment -5

Abhijeet Shakya

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Problem Statement 1

Using OPNET create Bus topology among a set of N computer nodes out of which two nodes are source and the rest are sink nodes. Model the traffic of source and sink nodes individually and demonstrate the packet transfer between them using Ethcoax (Ethernet using coaxial) cables. Use network scale as the "campus" of area 1km x 1km.
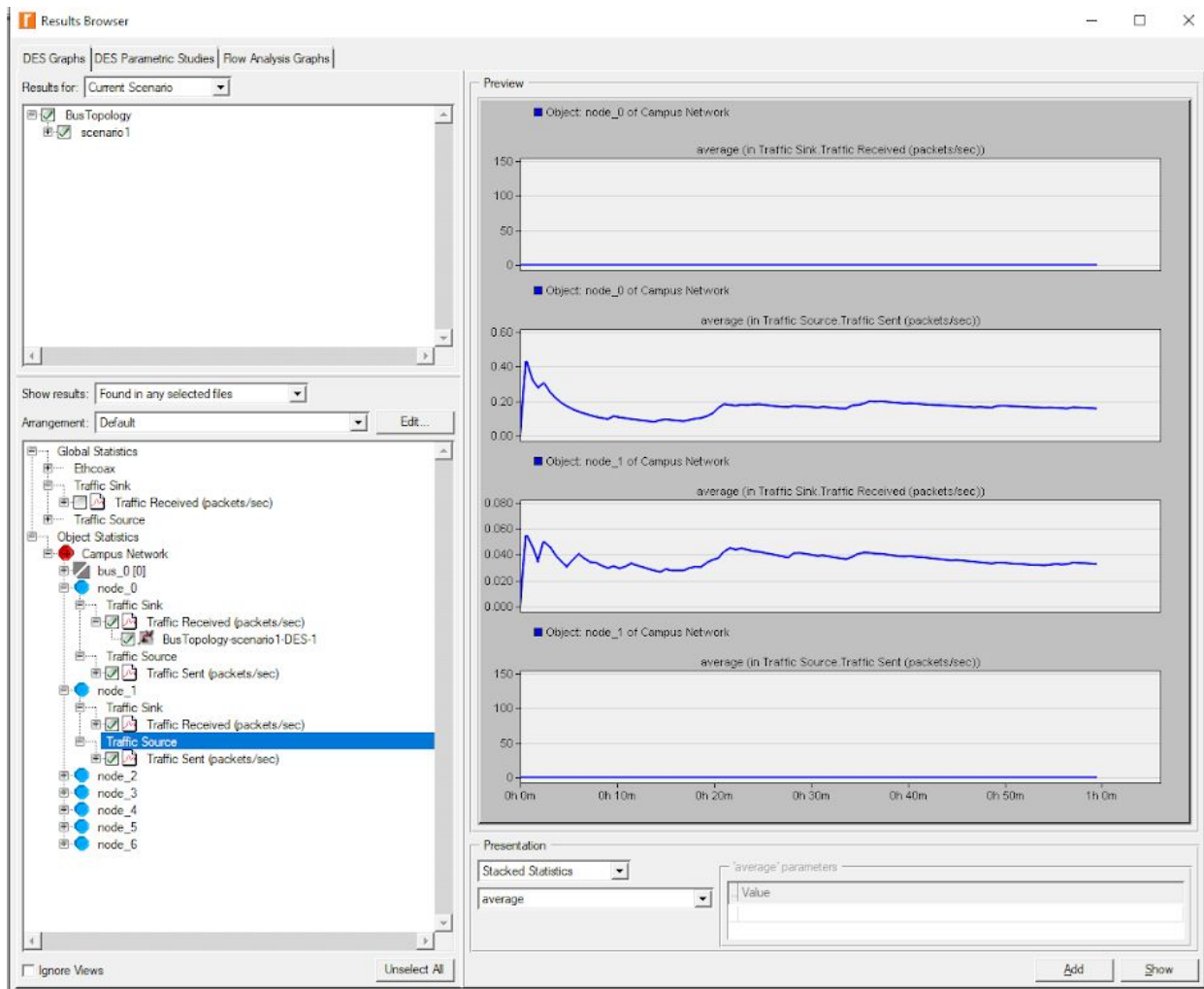
Diagram of bus topology:-

Behavior of node0 as source and node1 as a sink:

Average behavior of node0 as source and node1 as a sink:

Problem Statement 2

Using OPNET create Star topology among a set of N computer nodes out of which one node is source and the rest are sink nodes. Model the traffic of source and sink nodes individually and demonstrate the packet transfer between them using Ethcoax (Ethernet using coaxial) cables. Use network scale as the "campus" of area 1km x 1km.
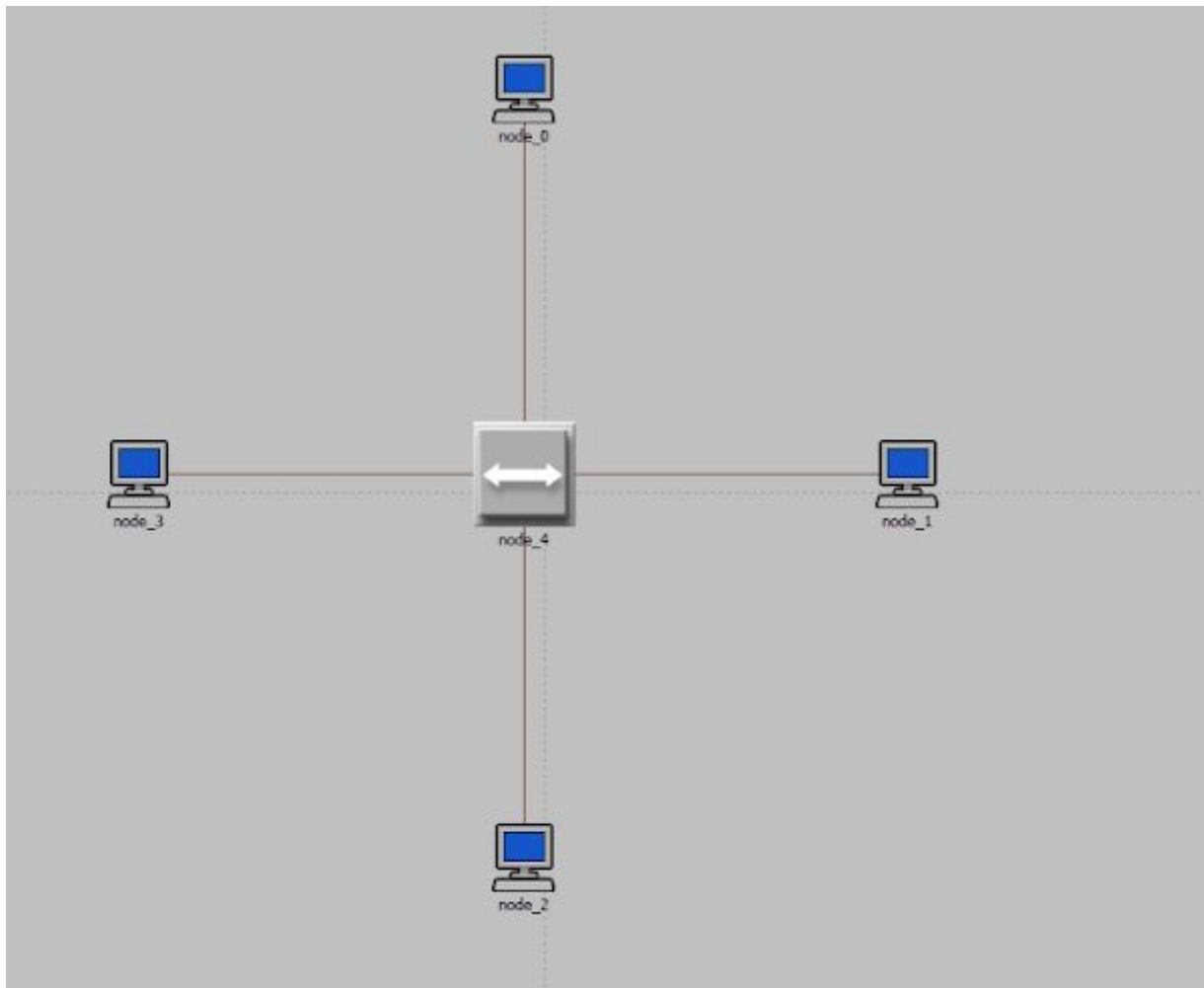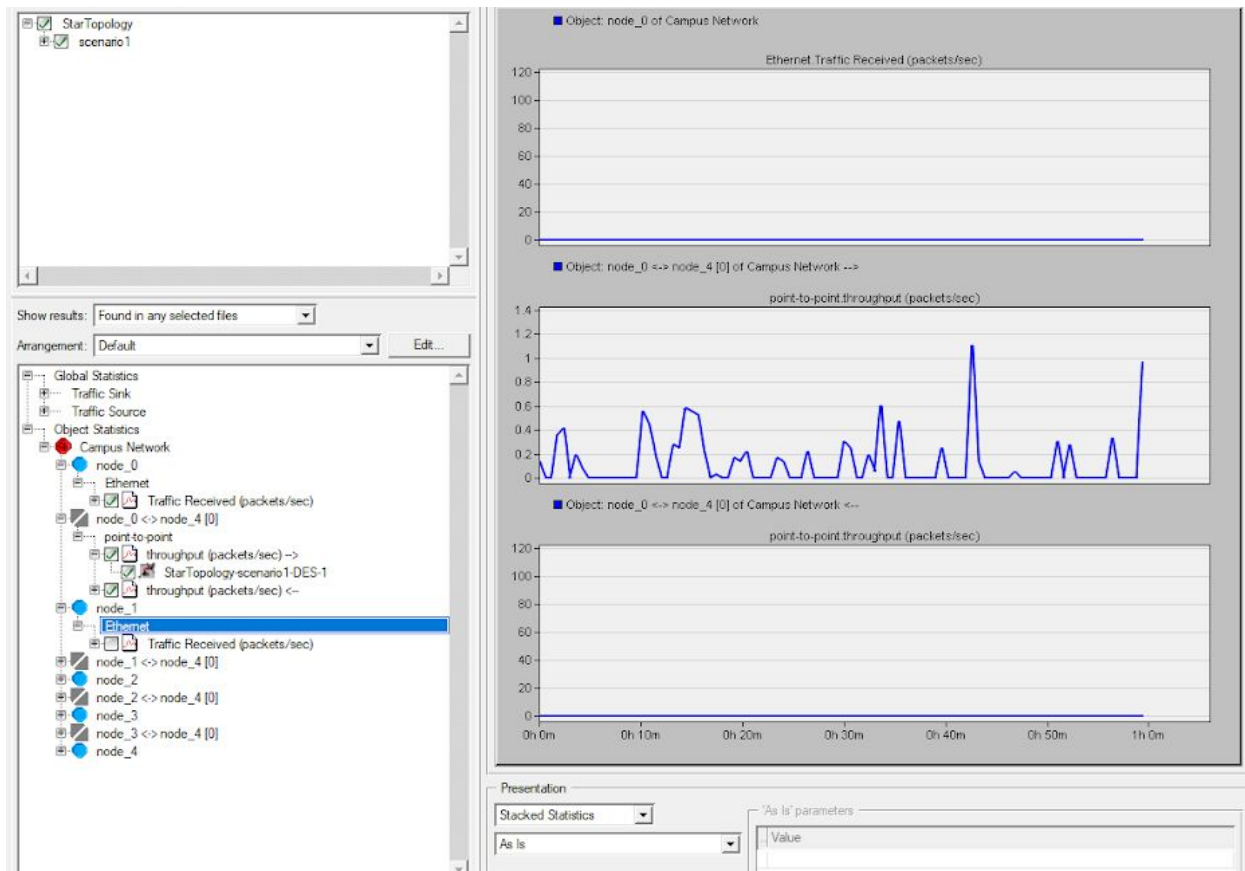

Diagram of star topology

Behavior of node0 as source:-

Behavior of node1 as sink: