	Assignment	6 B)
Title: study of	9	

- · Objectives: To leaven & underestand network amuenton Noz
- connections between node 0 11 such these node0 will tend

· Theory

network simulatou:

the simulatory is a soprouse that provides the behaviour of computer netroperk.

The simulatory, the computer setwork to modelled with devices, when, appelications, etc. is the performance is analyzed.

Types of network &mulator!

communical à open source simulators:

open source: NSZ, NSZ, OMNEPT ++, SSENET

2. Simple vs complex

simple network ormulators enable users to represent a network topology paperifying the nodes on network, the links between those nodes a traffic but the nodes.

complex allow the user to enquiry everything about the

preotocols used to preouse trappe

In this assignment a free ends with 'tel' is an orch society



omulation scenauio.

Dudp pkt size: 18yte nate 1 mbps

(cha)

Fig. simple retwork topology.

the network shown in fig. consists of 4 nodes. The deeplex winks between no 2 nz, n/ 1 nz have zmbps of bandwidth duplex between nz 1 nz has has look of bandwidth arm medaly.

1.7 mbps of bandwidth arm medaly.

Fach node uses a deoptail queue of which the monerate is 10. A 'top' agent is attached to no 1 a connection is established to top "onks" and attached to no as default

"nul agent attached to n3. A 'null is 'chil' traffic generatory are artached to tep' a 'udp' agent respectively to the government of the generate 1x byte packets at the nate of Imber. The usu is set to that at 0.1 sec of otop at 45 fec.

concuerton:

ormulation using nor successfully