31147 CNL Assignment 9 Problem Statement. retwork with three nodes and ostablish a TCP connection between node O and node I such that node O will send TCP packed to node 2 way node ! hearn about TCP connections, acknowledge and sending data Learn about notwork Suprillation tool and visualization of data sand from sender to receiver Requirement NAM (Network Animator) NS2 (Nelwork simulator Ubuntu Gedit Similation is the process of learning by doing whenever there is something new in the world we try to analyse it first by enamining it and in the process get to learn a to of things. This is simulation. Correlating to this process, in order to understand all the complexities one need to model the entire vole-play in form of computer simulation the need is to build setificial objects and assign them voles dynamically Network Simulation (NS) It is one of type of simulation which is used to simulate the networks such as in manders etc. It provides simulation for writing ? mutticast protocol for both wired & wireless retworks No is Licensed for use of Gov and is popularly known as NS2, It is an object-oriented discrete evert driver simulator writter in C++

NSS can be used to implement relieved protocols such as TCP & USE TELEST, Web, CAR & VBR USE traffic source behaviour such as FTP, Telret, Web, CBR & VBR. Lanter queue management mechanism such as Droptail, RED & CEO In 052 C++ is used for detailed protocol implementation & Ochi Fastall Now used this command Nam is also needed to install NAM (Notwork Advinctors) is an arimation * sude opt-got install ns2 tool to graphically represent the network & packet traces At sudo apt-get install non Basic Command. Set b [expr \$a/e] 2) To open a file for wading: set testfile Topen hello dat w) 3) Execute a subprocess with another subprocess. 4) lus a simulator scenario, a returore topology must first he created In . 152 the topology consists of a collection of rodes & like set is [new simulator] The simulator object has member function which enables to create the rodes and define links between them The class similator costains all the basic functions, since is was defined to hardle Limitator object,
In network topology rods can be adaded in following manner.
Set no [\$ns role]

