**Computer Networking Lab**

Basic Lan Design:

Lan Configuration: Switch, Hub

Switch : 1950, layer 2

192.168.0.2

Icmp – internet control message protocol

Ping ip address

Hub: same as switch

IOS: Internetwork operating System

Router CLI:

Continue with configuration dialog: no

(Router>en

Router# configure terminal

Router(config)# interface fastethernet 0/0

Router(config-if)# ip address 192.168.0.1 255.255.255.0

Router(config-if)# no shutdown) --- Switch

(After configure switch:

Hub:

Router(config-if)#ex

Router(config)# interface fastethernet 0/1

Router(config-if)# ip address 200.100.100.254 255.255.255.0

Router(config-if)# no shutdown) --- Hub

Return -> enter (mac command)

User execution mode

Router> enable = en: Admin mode, administrator mode, privilege mode

Configure terminal .

Global execution mode

Interface fastethernet 0/0

Ip address 192.168.0.1 255.255.255.0

Admin mode command -> write