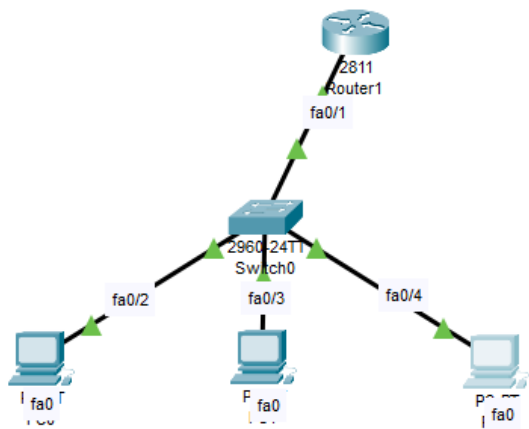Nama : Rizky Amanda Nindia Putri

Nim : 09010182327013

Kelas : MI3A

MK : Prak. Jarkom

TOPOLOGI

SETTING IP ADDRESS & KONFIGURASI DHCP

```
ROUTER_DHCP_09010182327013(config)#int fa0/0
ROUTER_DHCP_09010182327013(config-if)#ip add 192.168.1.1 255.255.255.0
ROUTER_DHCP_09010182327013(config-if)#no shutdown

ROUTER_DHCP_09010182327013(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

ROUTER_DHCP_09010182327013(config-if)#exit
ROUTER_DHCP_09010182327013(config)#ip dhcp pool LAB
ROUTER_DHCP_09010182327013(dhcp-config)#network 192.168.1.0 255.255.255.0
ROUTER_DHCP_09010182327013(dhcp-config)#default-router 192.168.1.1
ROUTER_DHCP_09010182327013(dhcp-config)#dns-server 192.168.1.1
ROUTER_DHCP_09010182327013(dhcp-config)#ip dhcp exclude-address 192.168.1.1
                                             ^
% Invalid input detected at '^' marker.

ROUTER_DHCP_09010182327013(dhcp-config)#ip dhcp excluded-address 192.168.1.1
ROUTER_DHCP_09010182327013(config)#ip dhcp excluded-address 192.168.1.2 192.168.1.20
```

MELIHAT DAFTAR IP DARI CLIENT

```
ROUTER_DHCP_09010182327013#sh ip dhcp binding
IP address        Client-ID/              Lease expiration        Type
                  Hardware address
192.168.1.21      00E0.A315.970D          --                      Automatic
192.168.1.22      00E0.F98E.3009          --                      Automatic
192.168.1.23      0001.6401.764D          --                      Automatic
ROUTER_DHCP_09010182327013#
```

PENGALAMATAN IP PADA CLIENT/PC

No	Client	IP address	Netmask	Gateway	Dns
1	PC0	192.168.1.21	255.255.255.0	192.168.1.1	192.168.1.1
2	PC1	192.168.1.22	255.255.255.0	192.168.1.1	192.168.1.1
3	PC2	192.168.1.23	255.255.255.0	192.168.1.1	192.168.1.1

MELAKUKAN PENGUJIAN PING

No	Sumber	Hasil Ya / Tidak	Tujuan	Hasil Ya / Tidak
1	PC0	Ya	PC1	Ya
		Ya	PC2	Ya
2	PC1	Ya	PC0	Ya
		Ya	PC2	Ya
3	PC2	Ya	PC0	Ya
		Ya	PC1	Ya