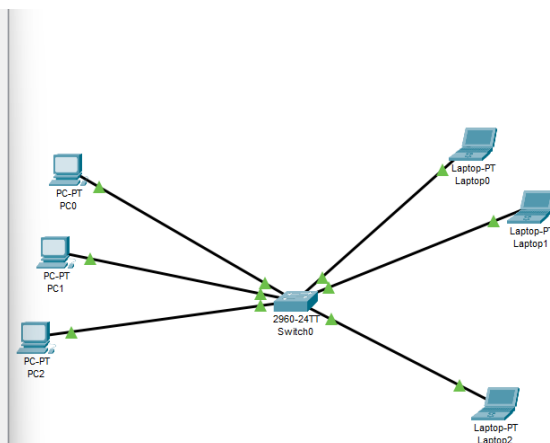
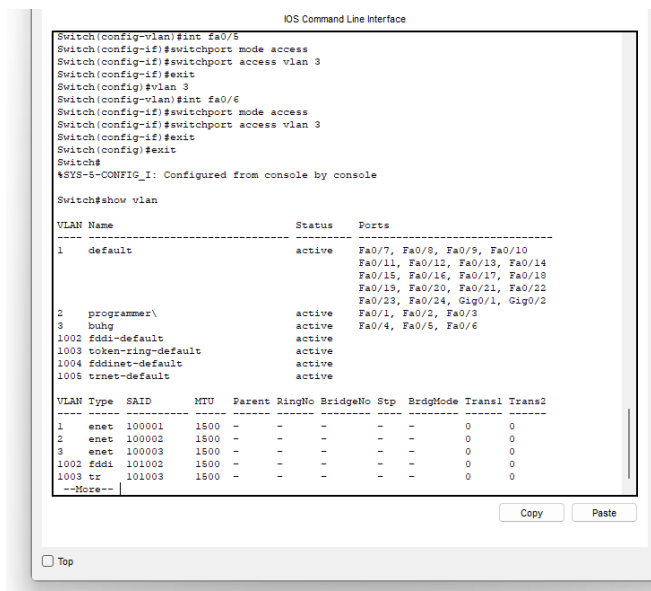
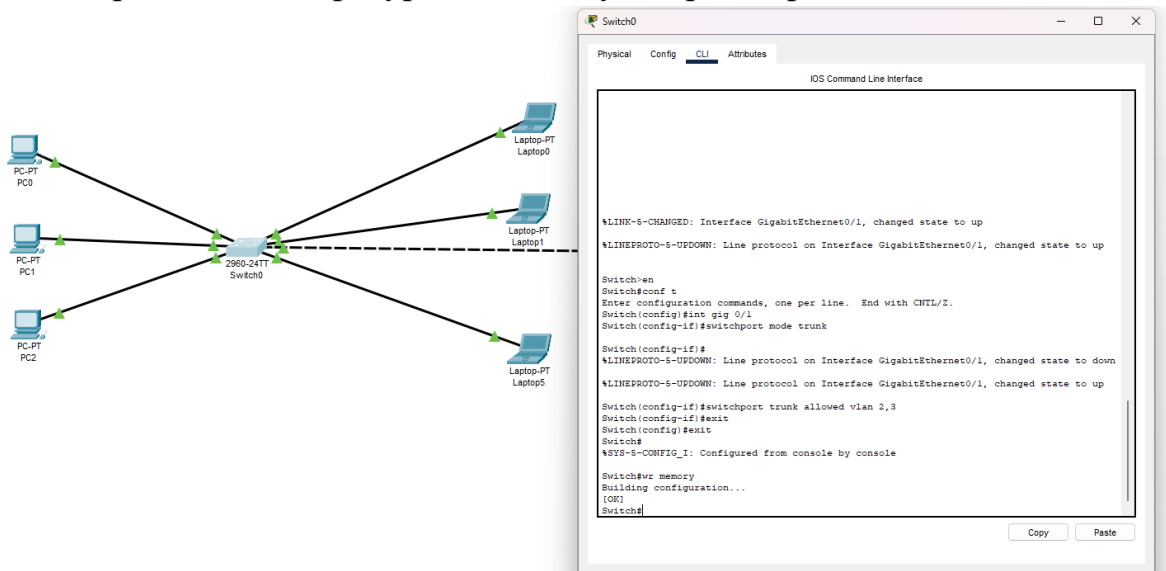


Практическая работа 7 – использование магистральных портов

1. Создала среду прописала всем айпишки и прописала вилан для двух отделов первого этажа



2. Прописала конфигурацию коммутаторов первого этажа



3. Все точно так же повторила на втором коммутаторе для двух отделов второго этажа

```
Physical Config CLI Attributes
IOS Command Line Interface

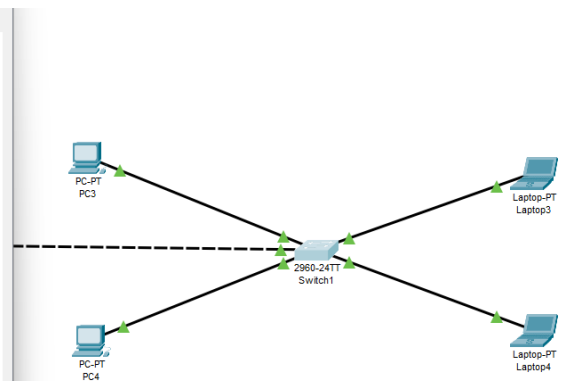
% Invalid input detected at '^' marker.

Switch(config)#vlan 3
Switch(config-vlan)#name buhg
Switch(config-vlan)#int range fa0/4-6
Switch(config-if-range)#switchport mode access
Switch(config-if-range)#switchport access vlan 3
Switch(config-if-range)#exit
Switch(config)#exit
Switch#
%SYS-5-CONFIG_I: Configured from console by console

Switch#show vlan

VLAN Name                Status    Ports
-----
1    default                active    Fa0/7, Fa0/8, Fa0/9, Fa0/10
                                           Fa0/11, Fa0/12, Fa0/13, Fa0/14
                                           Fa0/15, Fa0/16, Fa0/17, Fa0/18
                                           Fa0/19, Fa0/20, Fa0/21, Fa0/22
                                           Fa0/23, Fa0/24, Gig0/2
2    programmer/           active    Fa0/1, Fa0/2, Fa0/3
3    buhg                  active    Fa0/4, Fa0/5, Fa0/6
1002 fddi-default         active
1003 token-ring-default   active
1004 fddinet-default      active
1005 trnet-default        active

VLAN Type  SAID      MTU    Parent RingNo BridgeNo Stp  BrgdMode Transl Trans2
-----
1    enet  100001  1500   -      -      -      -    -      0      0
2    enet  100002  1500   -      -      -      -    -      0      0
3    enet  100003  1500   -      -      -      -    -      0      0
```



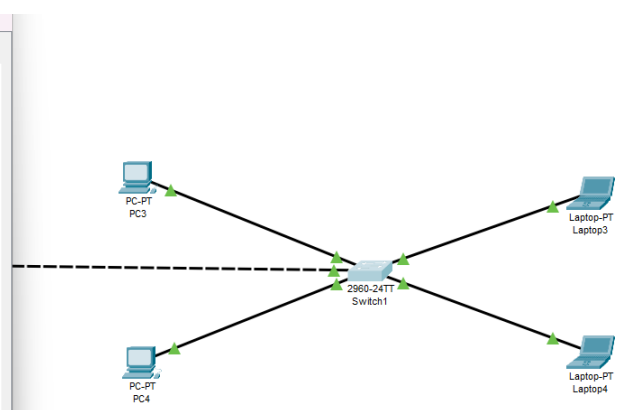
```
Switch1
Physical Config CLI Attributes
IOS Command Line Interface

1004 fddinet-default      active
1005 trnet-default        active

VLAN Type  SAID      MTU    Parent RingNo BridgeNo Stp  BrgdMode Transl Trans2
-----
1    enet  100001  1500   -      -      -      -    -      0      0
2    enet  100002  1500   -      -      -      -    -      0      0
3    enet  100003  1500   -      -      -      -    -      0      0
1002 fddi  101002  1500   -      -      -      -    -      0      0
1003 tr   101003  1500   -      -      -      -    -      0      0
1004 fddnet 101004  1500   -      -      -      -    -      0      0
1005 trnet 101005  1500   -      -      -      -    -      0      0

VLAN Type  SAID      MTU    Parent RingNo BridgeNo Stp  BrgdMode Transl Trans2
-----
Remote SPAN VLANs
-----
Primary Secondary Type      Ports
-----
Switch#en
Switch#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#int gig 0/1
Switch(config-if)#switchport mode trunk
Switch(config-if)#switchport trunk allowed vlan 2,3
Switch(config-if)#exit
Switch(config)#exit
Switch#
%SYS-5-CONFIG_I: Configured from console by console

Switch#show memory
Building configuration...
[OK]
Switch#
```



4. Это невероятно оно работает

The screenshot displays the Cisco Packet Tracer interface. The main workspace shows a network topology with two switches, Switch0 and Switch1, connected by a dashed line. Switch0 is connected to three PCs (PC0, PC1, PC2) and three Laptops (Laptop0, Laptop1, Laptop2). Switch1 is connected to two PCs (PC3, PC4) and two Laptops (Laptop3, Laptop4). The right-hand panel contains the Simulation Panel, which includes an Event List table and Simulation controls.

Event List

Time	Time(sec)	Last Device
0.000
0.001	0.001	PC0
0.002	0.002	Switch0
0.003	0.003	Switch1
0.004	0.004	PC3
0.005	0.005	Switch1
0.006	0.006	Switch0
0.007	0.007	...

Simulation Panel

Reset Simulation Constant Delay Captured to: 0.075 s

Play Controls

Event List Filters - Visible Events

ACL, Filter, ARP, BGP, Bluetooth, CAPWAP, CDP, DHCP, DNS, DHCPv6, DNS, DTP, EAPOL, EIGRP, EIGRPv6, FTP, H, IIS, IGMP, IGMPv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, ISAKMP, IRT, IRT TCP, LACP, LLDP, MRP, NTP, NETFLOW, NTP, OSPF, OSPFv6, RADIUS, RDP, POP3, PPP, PPPoE, PTP, RADIUS, REP, RIP, RIPv2, RIPv3, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Tracer, UDP, USB, VTP

Simulation

Time: 00:40:40:00 PLAY CONTROLS

Scenario 0

Toggle PC/Lab Window

File Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

Successful	PC0	PC3	ICMP	Blue	0.000	N	0	(edit)	(delete)
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