

```

Switch>en
Switch#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#vlan 2
Switch(config-vlan)#name programmer
Switch(config-vlan)#exit
Switch(config)#vlan 3
Switch(config-vlan)#name buhg
Switch(config-vlan)#exit
Switch(config)#show vlan

```

```
Switch#show vlan
```

VLAN	Name	Status	Ports
1	default	active	Fa0/1, Fa0/2, Fa0/3, Fa0/4 Fa0/5, Fa0/6, 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 Gig0/1, Gig0/2
2	programmer	active	
3	buhg	active	
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	BrdgMode	Trans1	Trans2
1	enet	100001	1500	-	-	-	-	-	0	0
2	enet	100002	1500	-	-	-	-	-	0	0
3	enet	100003	1500	-	-	-	-	-	0	0

--More--

```
% Invalid input detected at '^' marker.
```

```

Switch(config-if)#
Switch(config-if)#switchport mode access
Switch(config-if)#switchport access vlan 2
Switch(config-if)#exit
Switch(config)#fa0/2

```

```
% Invalid input detected at '^' marker.
```

```

Switch(config)#int fa0/2
Switch(config-if)#switchport mode access

```

```
% Invalid input detected at '^' marker.
```

```

Switch(config-if)#switchport mode access
Switch(config-if)#switchport access vlan 2
Switch(config-if)#exit
Switch(config)#show vlan

```

```
% Invalid input detected at '^' marker.
```

Cisco Packet Tracer
File Edit Options View Tools Extensions Window Help

Logical Physical x: 44, y: 503
Root 19:56:30

Simulation Panel
Event List

Vis.	Time(sec)	Last Device
	1.999	Switch7
	2.996	--
	2.997	Switch7
	2.997	Switch7
	3.998	--
	3.999	Switch7
	3.999	Switch7
	4.995	--
	4.996	Switch7
	4.996	Switch7
	5.998	--
	5.999	Switch7
	5.999	Switch7
	6.993	--
	6.994	Switch7
	6.994	Switch7
	7.995	--
	7.996	Switch7
	7.996	Switch7

Reset Simulation
☒ Constant Delay
Capturing...

Play Controls

Event List Filters - Visible Events
ACL Filter, ARP, BGP, Bluetooth, CAPWAP, CDP, DHCP, DHCPv6, DNS, DTP, EAPOL, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, ISAKMP, IoT, IoT TCP, LACP, LLDP, Meraki, NDP, NETFLOW, NTP, OSPF, OSPFv6, PAgP, POP3, PPP, PPPoE, PTP, RADIUS, REP, RIP, RIPng, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, USB, VTP

Edit Filters
Show All/None

Time: 00:31:52.874
PLAY CONTROLS

Event List
Realtime
Simulation

Scenario 0
Fire
Last Status

New
Delete

Toggle PDU List Window

Automatically Choose Connection Type