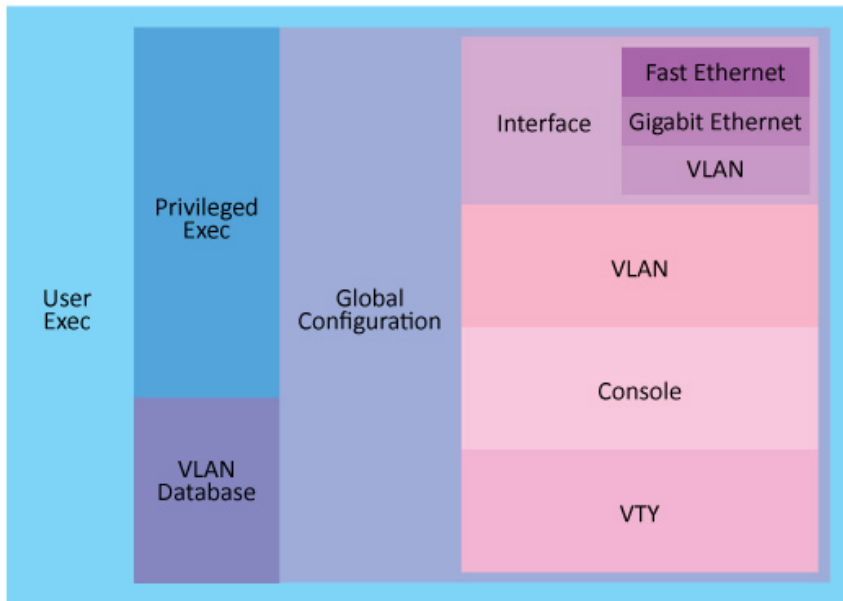


### 6.3.5 Switch Configuration Mode Facts

The following image illustrates some of the configuration modes available on a Cisco switch:



The following table describes some of these configuration modes:

Mode	Details	CLI Mode Prompt
Interface Configuration	<p>The switch has multiple interface modes, depending on the physical (or logical) interface type. For this course, you should be familiar with the following switch interface modes:</p> <ul style="list-style-type: none"> <li>▪ Ethernet (10 Mbps Ethernet)</li> <li>▪ FastEthernet (100 Mbps Ethernet)</li> <li>▪ GigabitEthernet (1 GB Ethernet)</li> <li>▪ VLAN</li> </ul> <p>The VLAN interface configuration mode is used to configure the switch IP address, and for other management functions. It is a logical management interface configuration mode, rather than the physical interface configuration modes used for the FastEthernet and GigabitEthernet ports.</p>	Switch(config-if)#
Config-vlan	<p>Details of the config-vlan mode include the following:</p> <ul style="list-style-type: none"> <li>▪ It can be used to perform all VLAN configuration tasks.</li> <li>▪ Changes take place immediately.</li> </ul> <p>Do not confuse the config-vlan mode with the VLAN interface configuration mode.</p>	Switch(config-vlan)#
VLAN Configuration	<p>Details of the VLAN configuration mode include the following:</p> <ul style="list-style-type: none"> <li>▪ It allows you to configure a subset of VLAN features.</li> <li>▪ Changes do not take effect until you save them, either before or while exiting the configuration mode.</li> <li>▪ Changes are not stored in the regular switch configuration file.</li> </ul> <p>For most modern Cisco switches, it is recommended that you configure VLAN parameters from config-vlan mode, as VLAN configuration mode is being deprecated (phased out).</p>	Switch(vlan)#

Line Configuration	Use this mode to configure parameters for the terminal line, such as the console, Telnet, and SSH lines.	Switch(config-line)#
--------------------	--	----------------------