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EXERCISE 11

CUSTOMIZE SWITCH WITH NETWORK MODULES USING CISCO PACKET TRACER

AIM:

To customise Switch with Network Modules using Cisco Packet Tracer.

ALGORITHM:

1. Open Cisco Packet Tracer and place a switch in the workspace.

2. Click the switch to open its device window and go to the Physical tab.
3. Power off the switch by clicking the red power button.
4. Select a desired network module from the module list.
5. Drag and insert the module into an available slot on the switch chassis.
6. Power on the switch by clicking the power button again.
7. Verify the new module and interfaces are recognised in the Config or CLI tab.

```
Switch>enable
Switch#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
Switch(config)#hostname Switch1
Switch1(config)#banner motd $ Authorized Access Only $
Switch1(config)#line console 0
Switch1(config-line)#password cisco
Switch1(config-line)#login
Switch1(config-line)#exit
Switch1(config)#enable secret class
Switch1(config)#end
Switch1#
%SYS-5-CONFIG_I: Configured from console by console
write memory
Building configuration...
[OK]
Switch1#
```

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.10.2

Pinging 192.168.10.2 with 32 bytes of data:

Reply from 192.168.10.2: bytes=32 time<1ms TTL=128
Reply from 192.168.10.2: bytes=32 time=8ms TTL=128
Reply from 192.168.10.2: bytes=32 time=8ms TTL=128
Reply from 192.168.10.2: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 8ms, Average = 4ms
```

RESULT:

The switch was successfully customised with additional network modules, expanding its interfaces and connectivity options in Cisco Packet Tracer. The switch powered on with new modules recognised and ready for use, enabling more flexible network design and testing.