```
#!/usr/bin/python
from mininet.topo import Topo
from mininet.net import Mininet
from mininet.cli import CLI
from mininet.link import TCLink

class MyTopology(Topo):
  """
  A basic topology
  """
  def __init__(self):
    Topo.__init__(self)
    # Set Up Topology Here
    Switch1 = self.addSwitch('Switch1') ## Adds a Switch1
    Switch2 = self.addSwitch('Switch2') ## Adds a Switch2
    Switch3 = self.addSwitch('Switch3') ## Adds a Switch3
    Switch4 = self.addSwitch('Switch4') ## Adds a Switch4

    server1 = self.addHost('server1') ## Adds a server1
    server2 = self.addHost('server2') ## Adds a server2
    self.addLink(server1, Switch4, delay='20ms') ## Add a link
    self.addLink(server2, Switch4, delay='20ms') ## Add a link


    Alexa = self.addHost('Alexa') ## Adds a Alexa
    Laptop = self.addHost('Laptop') ## Adds a Laptop
    SmartTV = self.addHost('SmartTV') ## Adds a SmartTV
    self.addLink(Alexa, Switch1, delay='20ms') ## Add a link
    self.addLink(Laptop, Switch1, delay='20ms') ## Add a link
    self.addLink(SmartTV, Switch1, delay='20ms') ## Add a link


    desktop1 = self.addHost('desktop1') ## Adds a desktop1
    desktop2 = self.addHost('desktop2') ## Adds a desktop2
    desktop3 = self.addHost('desktop3') ## Adds a desktop2
    self.addLink(desktop1, Switch3, delay='20ms') ## Add a link
    self.addLink(desktop2, Switch3, delay='20ms') ## Add a link
    self.addLink(desktop3, Switch3, delay='20ms') ## Add a link

    self.addLink(Switch2, Switch4, delay='20ms') ## Add a link
    self.addLink(Switch2, Switch1, delay='20ms') ## Add a link
    self.addLink(Switch2, Switch3, delay='20ms') ## Add a link



if __name__ == '__main__':
  """
  If this script is run as an executable (by chmod +x), this is
  what it will do
  """
  topo = MyTopology() ## Creates the topology
  net = Mininet(  topo=topo, link=TCLink) ## Loads the topology
  net.start() ## Starts Mininet
  # Commands here will run on the simulated topology
  CLI(net)
  net.stop() ## Stops Mininet
```