**BITS PILANI - Work Integrated Learning program**

**Assignment Software Defined Networks (Regular)**

Write a program to create a virtual topology of OpenFlow switches and hosts on SDN controller using Mininet Network Emulator

Topology details:

h1 h1-eth0:s1-eth1

h2 h2-eth0:s3-eth2

s2 lo: s2-eth1:s1-eth3 s2-eth2:s3-eth3

s1 lo: s1-eth1:h1-eth0 s1-eth2:s3-eth1 s1-eth3:s2-eth1

s3 lo: s3-eth1:s1-eth2 s3-eth2:h2-eth0 s3-eth3:s2-eth2

c0

available nodes are: c0 h1 h2 s1 s2 s3

From the above, we can see that the network looks like this:

