

## Appendix

```
## open onos controller  
sudo ./ONOS-service start then the controller is work  
##create five host and one switch  
sudomn --topo single,5 --controller remote  
### open ODL window  
cd ~  
cd SDNHub_OpenDaylight_Tutorial/distribution/OpenDaylight-karaf/target/assembly  
### open miniedit.  
sudo ~/mininet/examples/miniedit.py
```