# 1st Project of Networking

#1 Simple Networking Project Using Cisco Packet Tracer | Enterprise Network Project

Network address= **192.168.40.0**

No of subnets= 2

2^n = no. of subnets =======2^n= 2

**N=1**

**255.255.255.255**

**11111111. 11111111. 11111111.10000000**

**255.255.255.128==== -> subnet mask**

**1st Subnet**

**255.255.255.128**

**Network ID = 192.168.40.0**

**Range of Valid Host = 192.168.40.1 to 192.168.40.126**

**Broadcast ID = 192.168.40.127**

**2nd Subnet**

**255.255.255.128**

**Network ID = 192.168.40.128**

**Range of Valid Host = 192.168.40.129 to 192.168.40.255**

**Broadcast ID = 192.168.40.255**