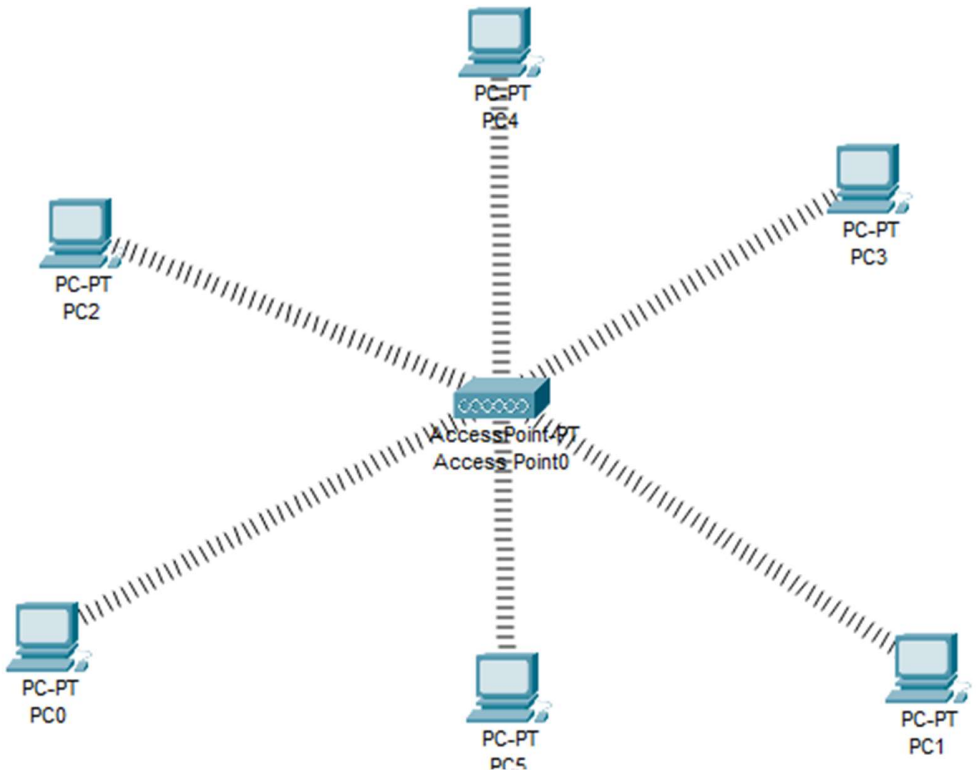
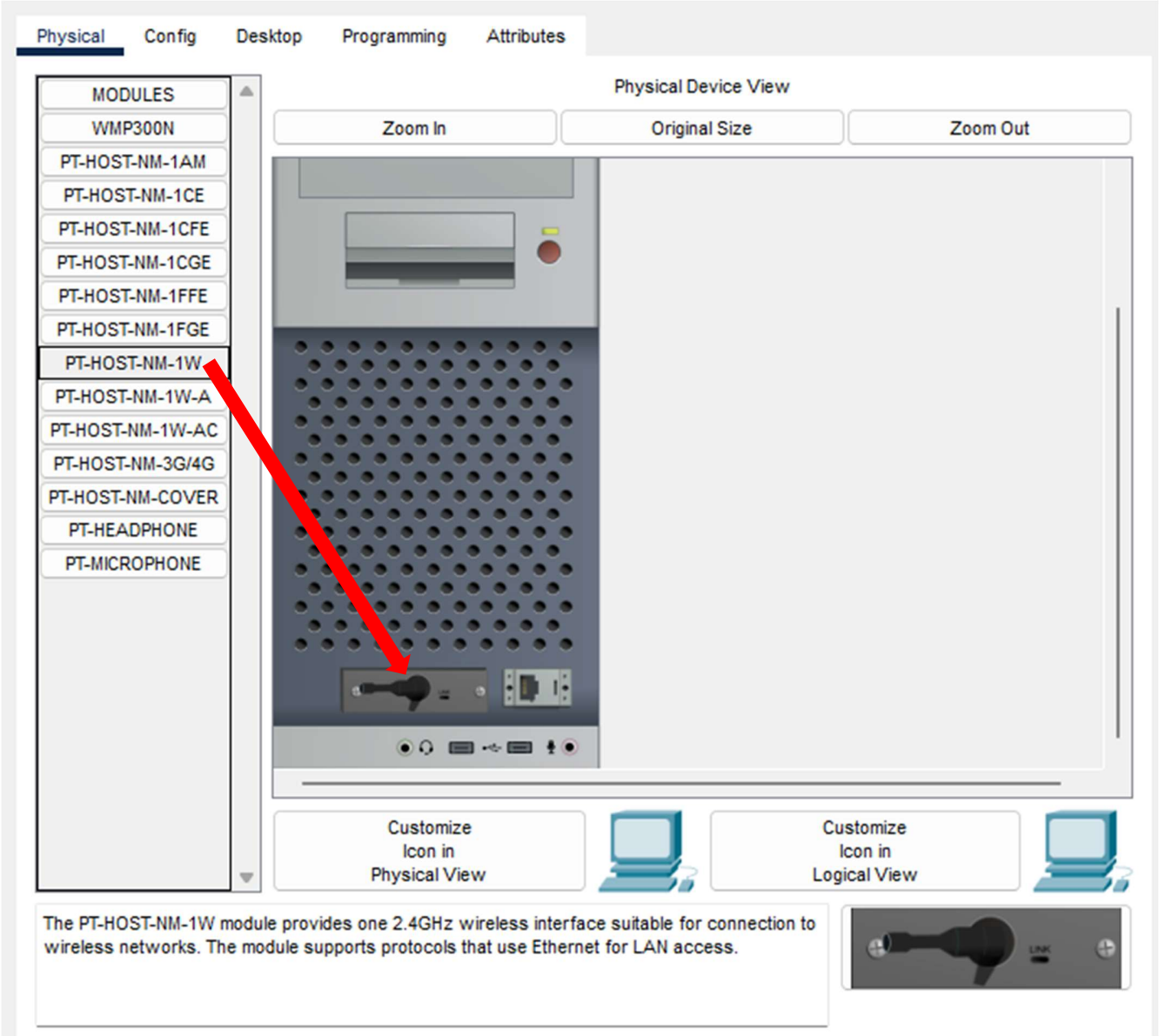
Implementation :-

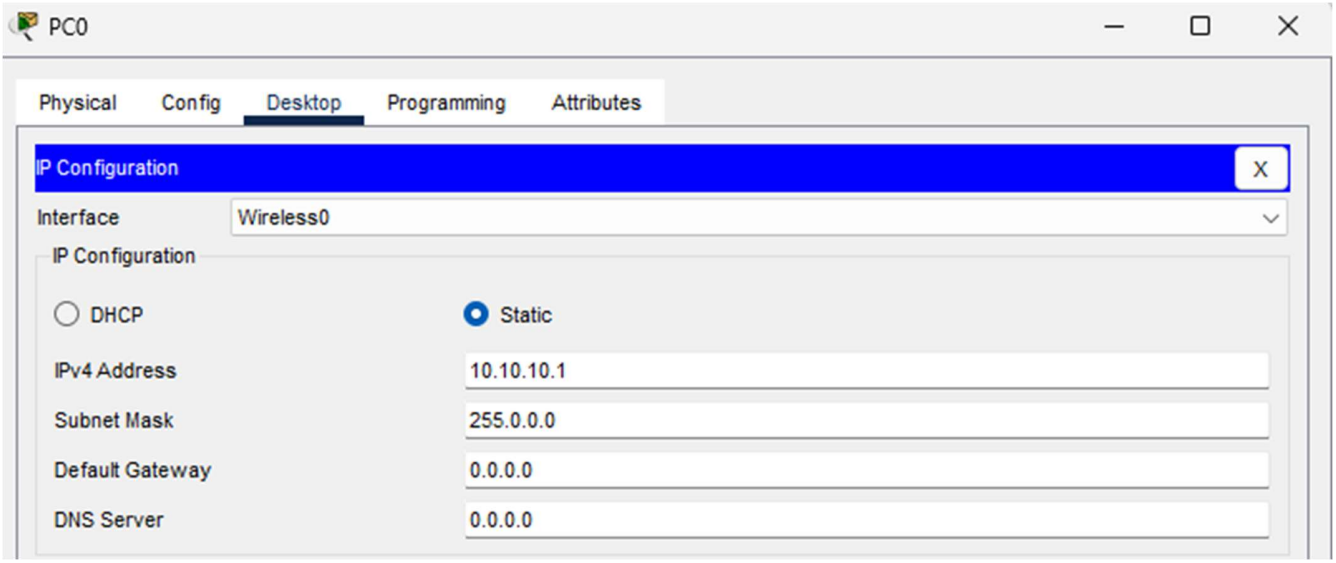
We use the following topology for the present case (5PCs and an Access Point) :-



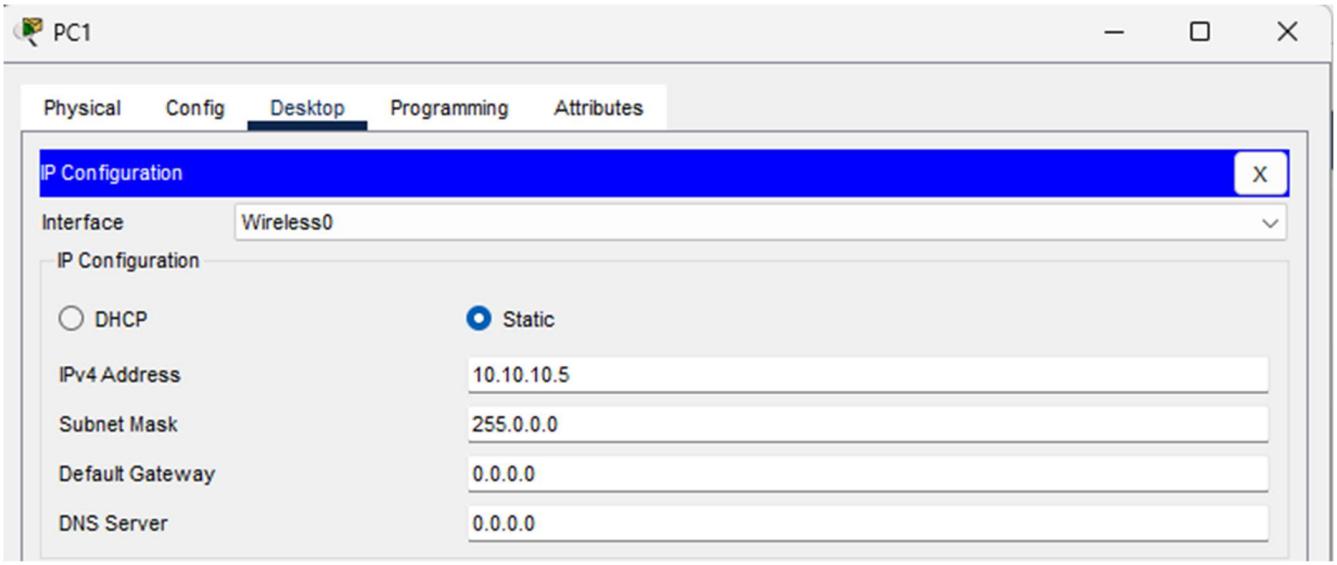
Add a Wireless interface (**PT-HOST-NM-1W**) to each PC as follows :-



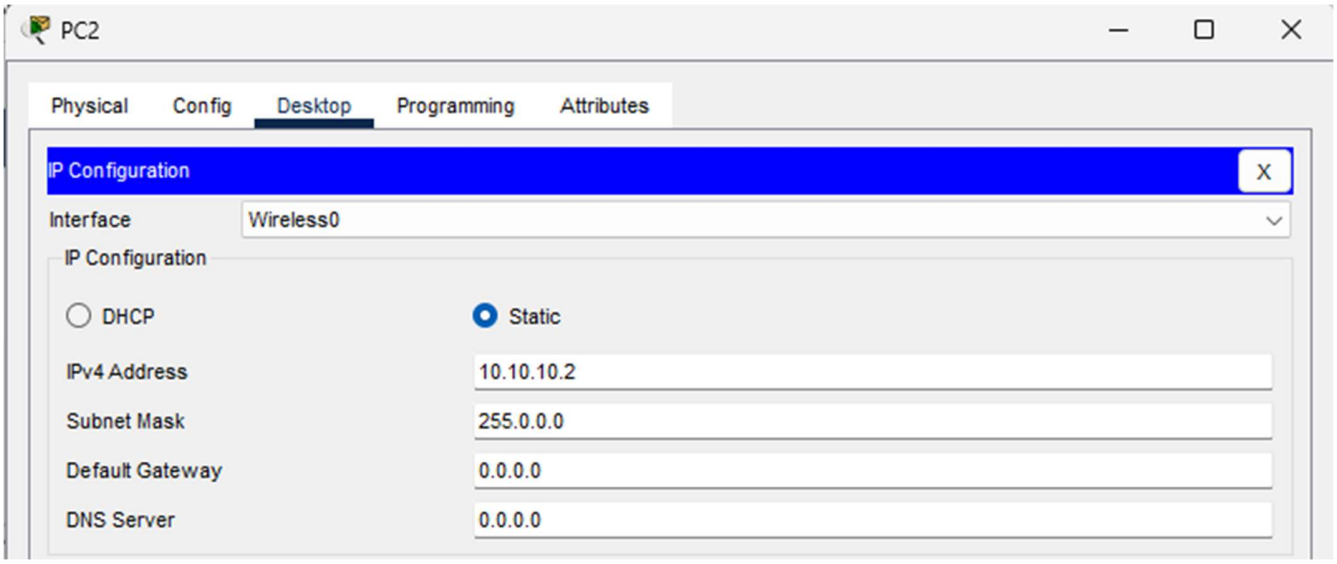
- **Configuring PC0:**



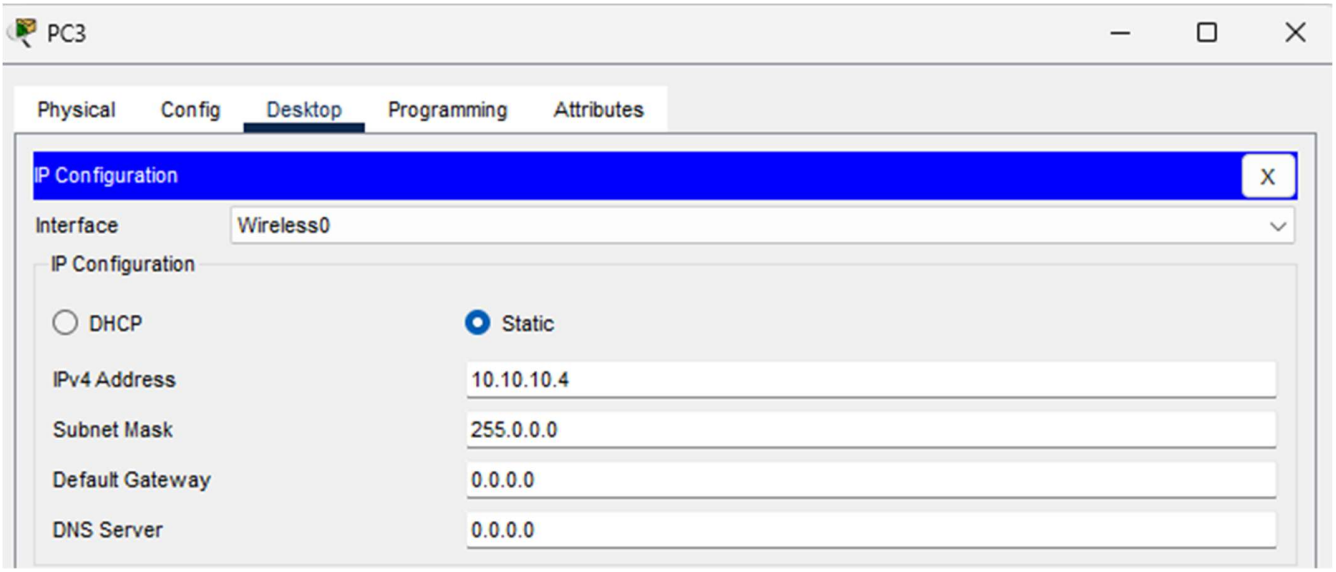
- **Configuring PC1:**



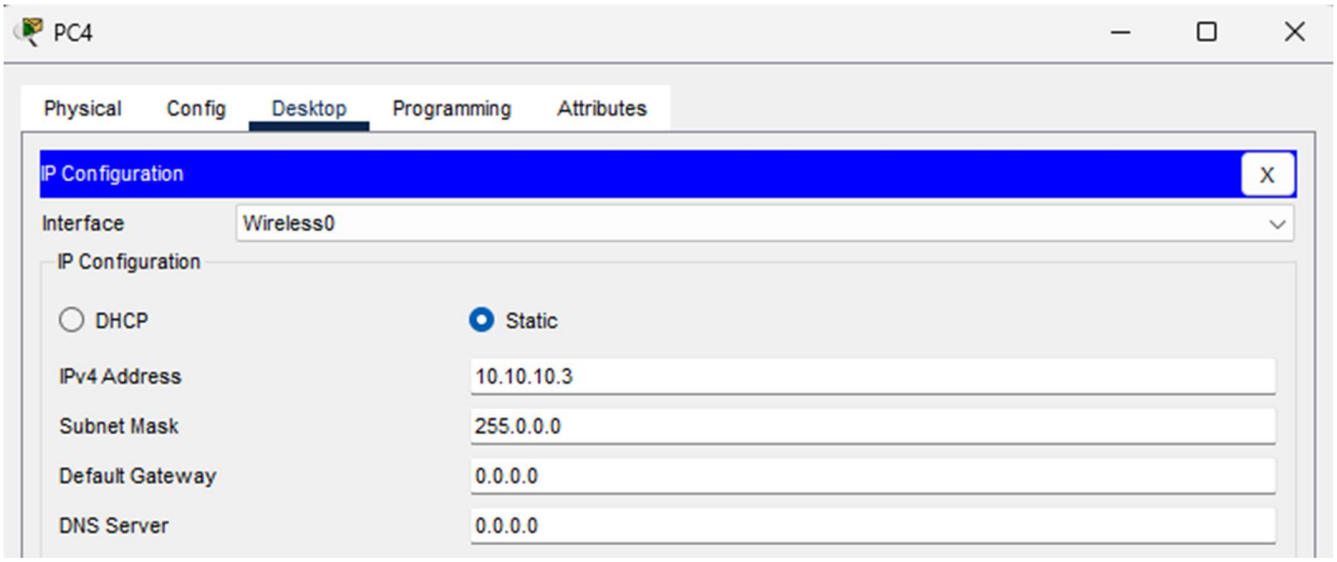
- **Configuring PC2:**



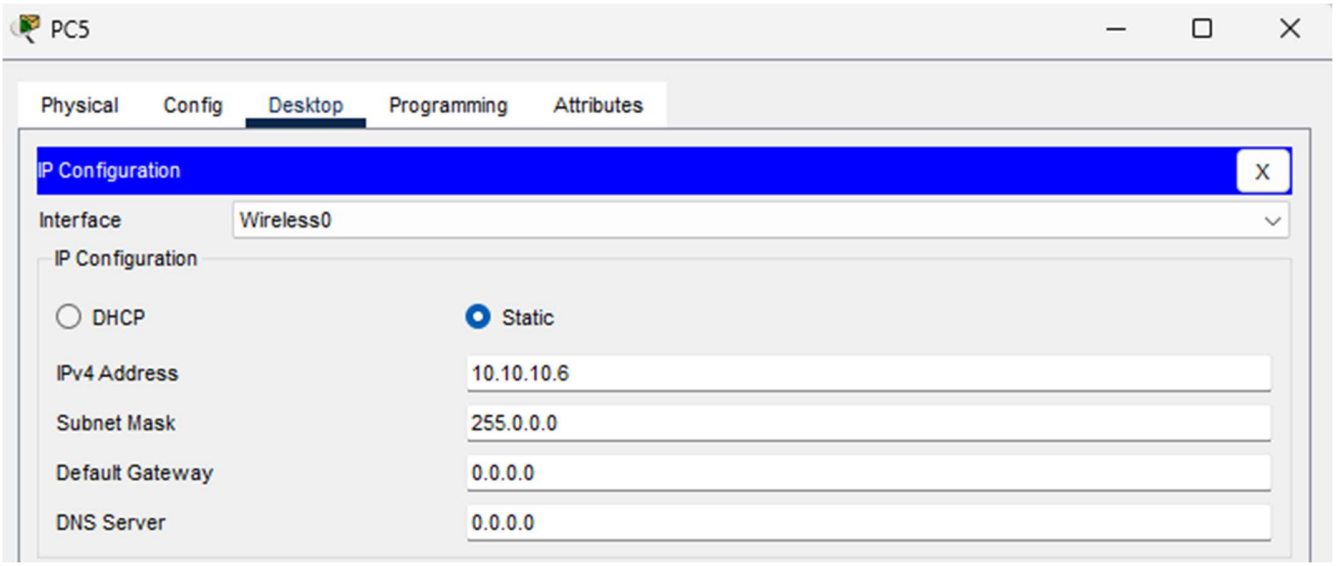
- **Configuring PC3:**



- **Configuring PC4:**



- **Configuring PC5:**

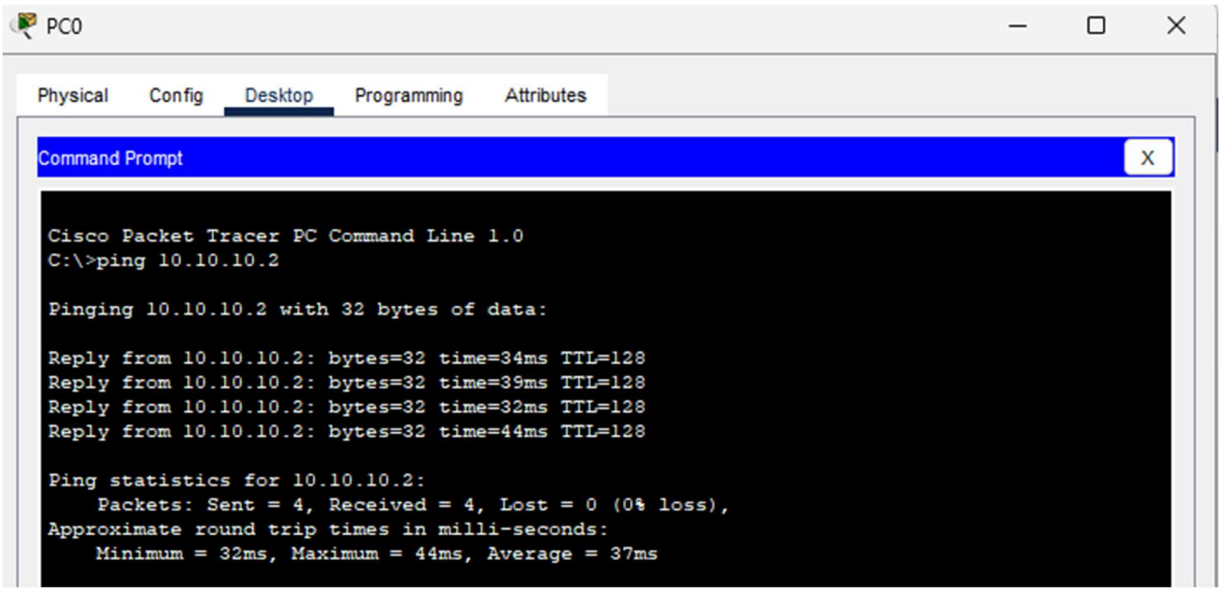


The IP addresses assigned are :-

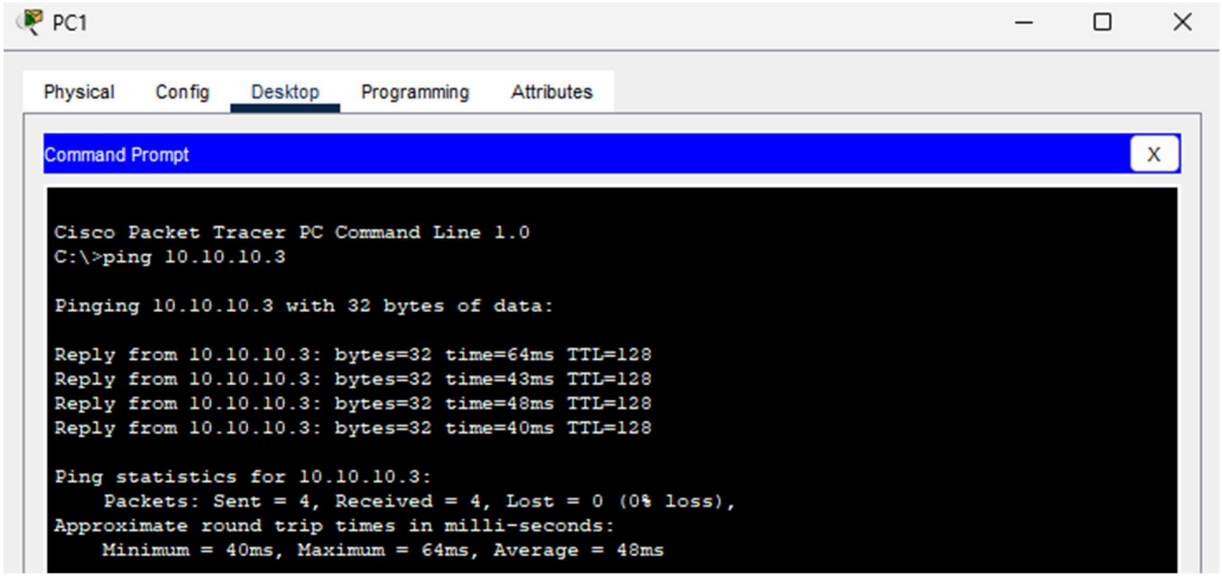
Host	IP address
PC0	10.10.10.1
PC1	10.10.10.5
PC2	10.10.10.2
PC3	10.10.10.4
PC4	10.10.10.3
PC5	10.10.10.6

We verify the connectivity by sending ping message from any PC to any other PC :-

- Pinging PC2 (10.10.10.2) from PC0 (10.10.10.1):-



- Pinging PC4 (10.10.10.3) from PC1 (10.10.10.5) :-



Result:

Hence the Wireless Access Point (WAP) has been studied and verified through the given network.