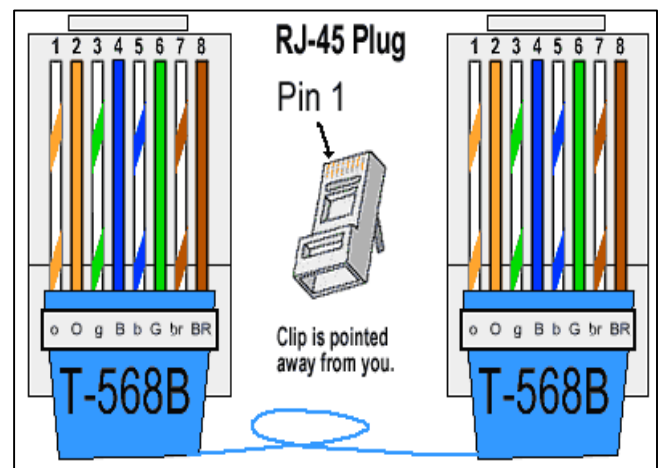
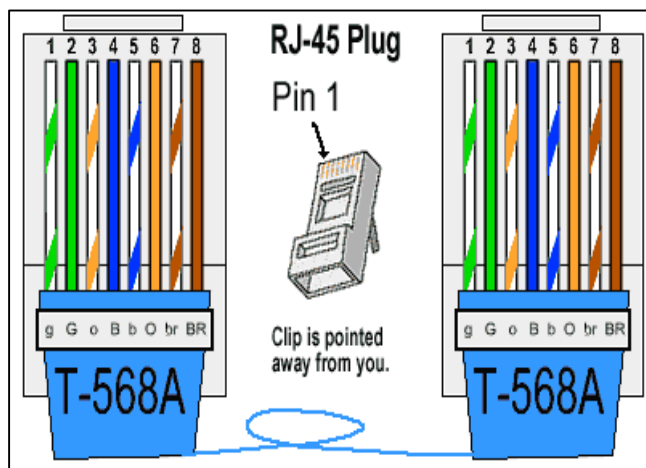


Experiment No. 01**Object:** To create a cross-over and straight network cable**Date:** February 03, 2018**Description:**

- ✓ To make a Straight & Cross-Over Cable using Cat 5/6 cable and RJ-45 Connector.

Apparatus Required:

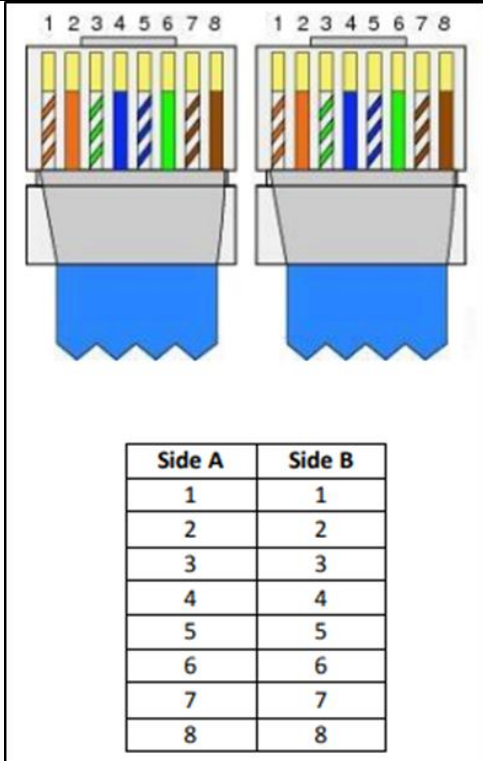
- ✓ Cat 5/ 5e/ 6 Cable.
- ✓ RJ-45 Connector.
- ✓ RJ-45 Clamper.
- ✓ Wire crimper.
- ✓ Network Cable Tester.

Diagram:**Procedure:**

- ✓ Crimp the given cable.
- ✓ Now, we have 4 pairs of wire (8 wires).
- ✓ Set the pair as you want for your desired cable.
- ✓ Arrange the cables in the form as directed in the picture.
- ✓ Put those wires in connector.
- ✓ Use clamper to clamp and made the pin sealed

Straight Cable

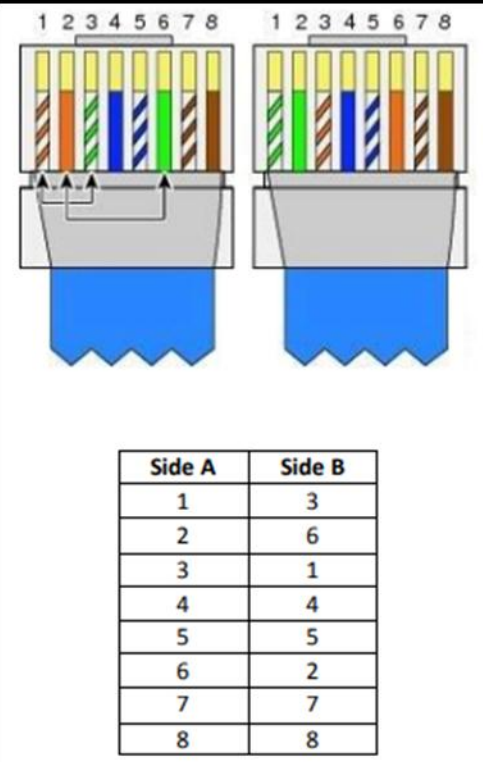
Side A	Side B
White Orange	White Orange
Orange	Orange
White Green	White Green
Green	Blue
White Blue	White Blue
Blue	Green
White Brown	White Brown
Brown	Brown



Side A	Side B
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8

Cross-Over Cable

Side A	Side B
White Orange	White Green
Orange	Green
White Green	White Orange
Blue	Blue
White Blue	White Blue
Green	Orange
White Brown	White Brown
Brown	Brown



Side A	Side B
1	3
2	6
3	1
4	4
5	5
6	2
7	7
8	8

