

ASSIGNMENT 5

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CSED

REQUIREMENT :

Cat5e Cable

RJ45 Connectors

Cable Stripper

Scissors

Crimping tool

Steps followed to make wire

Step 1:

Stripping the cable end and we need to take care of it so that we do not cut the wire.

Step 2:

Since the wires are twisted we need to untwist them .

Step 3:

Now according to the need we need to arrange the wires.

For straight through wire

1.White Orange

2.Orange

3.White Green

4.Blue

5.White Blue

6.Green

7.White Brown

8.Brown

For Crossover cable wiring

Connector A

1.White Orange

2.Orange

3.White Green

4.Blue

5.White Blue

6.Green

7.White Brown

8.Brown

Connector B

1.white green

2. Green

3. White Orange

4.Blue

5.White blue

6.Orange

7.White brown

8.Brown

Step 4:

We need to trim all wires evenly and about half inch it should be exposed .

Step 5:

While maintaining the order attach the connector.

Step 6.

Now checking whether the wire has reached to the tip of the connector.

Step 7:

At last we have to crimp the connector onto cable end (8p) and squeeze it firmly.

Step 8:

Testing of the wire has to be done using testing equipment.