

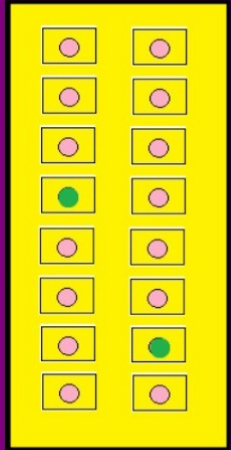

Experiment 1: Fabrication of cables: Making Straight, Rollover and Cross-Over cables using RJ-45 connector and crimping tool.

1. Cross-Over Wire Connection

Fabricate Cable

Which cable you want to fabricate? Cross

| Switch port | PC Port |
|---------------------------------|---------------------------------|
| Orange | Blue |
| Orange & White | Green & White |
| Blue | Orange |
| Blue & White | Brown & White |
| Green | Brown |
| Green & White | Orange & White |
| Brown & White | Blue & White |
| Brown | Green |



2. Roll-Over Wire Connection

Fabricate Cable

Which cable you want to fabricate? RoleOver

| Switch port | PC Port |
|---------------------------------|---------------------------------|
| Orange | Brown |
| Orange & White | Brown & White |
| Blue | Green & White |
| Blue & White | Green |
| Green | Blue & White |
| Green & White | Blue |
| Brown & White | Orange & White |
| Brown | Orange |



3. Straight Wire Connection

Fabricate Cable

Which cable you want to fabricate? Straight

| Switch port | PC Port |
|--|--|
| Orange | Orange |
| Orange & White | Orange & White |
| Blue | Blue |
| Blue & White | Blue & White |
| Green | Green |
| Green & White | Green & White |
| Brown & White | Brown & White |
| Brown | Brown |