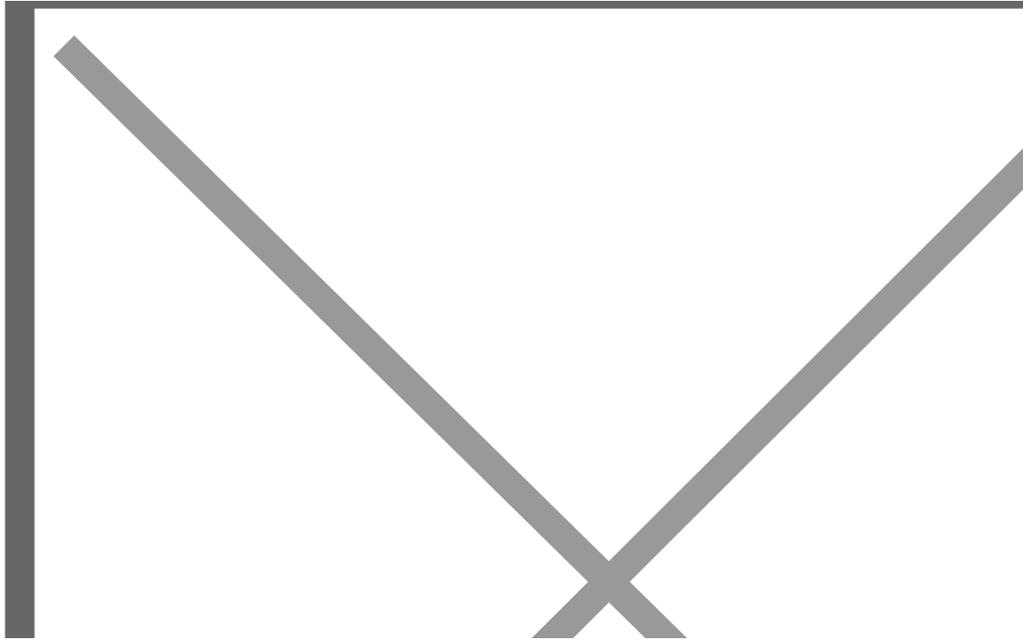


# Lab Preparation Process

Ideally, the lab preparation process can be divided into two main categories, one is hardware setup and the other is software setup.

## Hardware setup



In the hardware setup, the process starts with power plugs and LAN ports availability, tests for their functioning status, then all the computers will be set up with preplanned arrangement as per space layout, power and LAN ports availability. Afterward, the switch/wifi router will be connected and all the client machines and server machines will be connected together via LAN cable or wifi. The server machines should have UPS backups as those will be carrying the resources and student's data, artifacts, and will be of utmost importance.

## Software setup

Once the hardware setup is done, the next major preparation is the software setup which includes following steps:

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