Exercise 1

1 LAN Design (First Try, 3 Points)

You are an IT expert at OV&B, a well-known IT consulting company. One day Professor X, the head of the computer science department at city Y calls you. He is very excited, because the HAL company has approved a new institute on multi-media technologies at the Y campus. The institute will be placed in a new building, including servers, administration, 4 floors and on each floor there will be a research group of about 30 people. Professor X asks you for an IT project proposal that covers the overall IT network infrastructure for the new building.

Prepare a proposal. What are the most important topics to be addressed?

2 LAN Properties (First Try, 3 Points)

Assume you are responsible for the LAN in a reasonably big company. Name the top three properties you would like the LAN to be and give for every property a short explanation.

Write your name on every sheet of paper. Write in a readable way. Think of it.