FAST-NUCES

Spring 2019

CS307 Computer Networks

Class Activity # 1

In an ancient city there are a number of very important Governors. These Governors decide how the city is run and make very important decisions. They each live in different houses all over the city. The Governors often want to communicate, they need to send and receive messages all over the city. Governors are identified by their house number and they all have access to a group of messengers whose job it is to deliver the messages. The only way to send messages is by writing them a piece of paper, which the messengers carry to their destination.

The messengers cannot be trusted to always deliver the message correctly as they are forgetful and lazy. They often stop for long breaks during working hours and even try to escape from the city. The Governors want to find a way of making their communication reliable. They want to develop a set of rules that they will all follow. By doing this, they can tell whether or not their message has been delivered and if the message was correct. The Governors have already decided that the destination should be written on the paper used for the message.

In your groups your task is develop the rules that the Governors will use to communicate…

Source: Computer Science Unplugged (www.csunplugged.org)