Peer-to-peer networks – (due till May 27, 2009)

Exercise 11.1: P2P live video streaming

a) In the last lecture we heard about the peer-to-peer streaming protocol PULSE.

Describe the three different kinds of windows which are filled with chunks.
What is the intention behind using these different windows.

b) Read the original article from Pianese and comment on the following questions:

i) What is important when choosing another peer for downloading?
ii) What is the purpose of the MISSING and of the FORWARD list?
iii) Do you see flaws in the protocol which could be improved, if yes, then how?