Introduction to Digital Computers - Spring 2000

Assignment No. 9

Course homepage: http://www.eng.tau.ac.il/~guy/Digital_Computers00/

Deadline: June 6th

Questions:

1. Consider the Special Registers Environment in the DLX datapath (with interrupt handling).
   (a) Write equations that describe the value of each special register as a function of the state of the control.
   (b) Design the Special Registers Environment. List the control signals that are needed.
2. Think about the following question (do not submit an answer): What happens from the time you turn on your computer till the computer is ready to accept user commands?