1) A Simulator of Deadlocks Visualizing deadlock detection and avoidance including (1) Deadlock Detection with multiple resources of each type (Hits: Textbook page 446 - 448) (2) The banker's algorithm for multiple resources (Hits: Textbook page 454 - 456) http://materias.fi.uba.ar/7508/MOS4/Operating.Systems.4th.Edi.pdf Development Language: HTML and Java Scripts should be great ideas, but java, python, c are acceptable. ----[60%] 2) A well-written project report. ---------[30% points] The report should consist of detail steps, such as descriptions, screenshots, camera images,etc. Also, the report should have abstract, introduction, main contexts, conclusion, references, team member list, and attached source codes. The report format should follow the reference 1. Requirements: You should copy source codes to your report as a appendix because the university activates an enhanced tool for detect plagiarism. In addition, the link of source codes is an optional. Additional Requirements 1) Avoiding academic dishonesty. The Urkund Similarity is a great tool. Reference [1] A example of the report format. https://cs.gmu.edu/~hfoxwell/cs671projects/corner\_DT.pdf Go to activity