

LAB group B2

General Instructions

Download your offline submission and patch to a clean xv6 repository. You will be working on top of this version of the code for your online. During submission, you will again submit a patch file by taking `diff` of your **updated code** with the HEAD.

Task

Today you will schedule processes using a round-robin algorithm in the topmost queue too. Additionally, you need to maintain the same protocol of ticket count reduction as the lottery scheduling algorithm. However, if the ticket count of a process is 0, it will not be scheduled and the scheduler will move on to the next process to schedule. Once the ticket counts of all runnable processes become 0, original ticket counts of all processes will be reinstated. The bottom queue should be left untouched.