CSL 356: Analysis and Design of Algorithms
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1. Discuss problems of Minor-1 exam.

2. Consider the following greedy algorithm for the minimum makespan problem discussed in class:

   > Sort the jobs in decreasing order of their duration. Consider jobs in this order and schedule a job on a machine with the smallest current load.

   By a simple argument, you can show that the above algorithm gives a $3/2$ approximation factor. You have to use a more clever argument to show that this algorithm gives a $\left(\frac{4}{3} - \frac{1}{3m}\right)$ approximation factor.