CS 5220 – 2015-09-17 Preclass Questions
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0. Between 1 to 2 hours on September 21.

1. The slides assume a lot of familiarity with various mathematical concepts (e.g. ordinary differential equations, linear algebra, heat equation). It would be useful to review some of the mathematical prerequisites instead of assuming familiarity. Alternatively, I think a lot of the math could be removed entirely.

2. See `csr_product.c`.

3. See `laplace2d.c`.

4. Admittedly, I didn't fully understand the lecture slides nor do I full understand this question, but I'm guessing it involves some sort of ghost-celling in which a processor receives more cells that it needs in order to advance computation without communicating. I'm guessing there is no advantage to this scheme with only one processor.