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- 1. List the members of your group below. Underline your name.
- 2. Provide Python code for a *cache manager* that uses the *furthest-in-future* strategy. See Exercise 15.4-1 of the textbook for details.

- 3. Trace the action of the code of Question 2 on the following sequences of block requests, with a cache size of 4.
  - $(a)\ \ 3\ 1\ 4\ 1\ 5\ 9\ 2\ 6\ 5\ 3\ 5\ 8\ 9\ 7\ 9\ 3\ 2\ 3\ 8\ 4\ 6$
  - (b) 271828182845904523536

- 4. Repeat Questions 2 and 3 for the least-recently-used (LRU) strategy.
  - $\hbox{(a)}\ \ 3\ 1\ 4\ 1\ 5\ 9\ 2\ 6\ 5\ 3\ 5\ 8\ 9\ 7\ 9\ 3\ 2\ 3\ 8\ 4\ 6$