**CS150A Quiz04**

**Buffer Management**

Supposed we have a buffer pool size of 4 pages, and the following access pattern:

A P P L E S A N D B A N A N A S A N D O R A N G E S

*Assume that pages are unpinned immediately (ignore pinning).*

**Q1**: What is the number of cache hits if we use an LRU replacement policy?

*Assume we are starting from a cold (empty) cache.*

**Q2**: What is the number of cache hits if we use an MRU replacement policy?

*Assume we are starting from a cold (empty) cache.*

**Q3**: What is the number of cache hits if we use a CLOCK replacement policy?

*Assume we are starting from a cold (empty) cache.*

**Q4**: What is the number of set reference bits at the end of Q6?