

## **CMS 330 – Operating Systems**

### **Sprint 0 Problem Set**

1. In your own words, describe the meaning and purpose of the following SCRUM concepts
  - a. Backlog
  - b. Retrospective
  - c. Sprint
2. What are the 3 easy pieces of operating systems that we'll be studying this semester?
3. Describe what happens in terms of program execution during the Fetch-Decode-Execute cycle in the classical von Neumann architecture. (Review from CMS 230)
4. Describe what we mean by the term "virtualization" and what role the OS plays in virtualizing system resources.
5. Why is the concept of persistence important in modern computing?
6. List 2 design goals we have when designing operating systems.