1. The Operating System
   1. Execute User Programs
   2. Make the computer system easy to use
   3. Utilize hardware efficiently
2. Four components of the computer system
   1. Hardware
   2. Operating System
   3. Application Programs
   4. Users
3. List 3 computing environments
   1. Smartphones
   2. Tablets
   3. Stand-alone general purpose machines
4. List two functions that the operating system provides that are helpful to the user
   1. Program Execution
   2. I/O Operations
5. List 2 functions of the OS services that help ensure efficient operation of the system itself via resource sharing.
   1. Resource Allocation
   2. Accounting
6. What term refers to the programming interface to the services provided by the OS which are typically written in a high-level programming language like C or C++
   1. API
7. Name 3 of the 6 types of system calls and provide an example of each.
   1. Process Control
      1. Create process
   2. File Management
      1. Open file
   3. Device Management
      1. Request Device
8. What is the difference in a program and a process?
   1. A process is a program in execution.
   2. A program is a process that is not in execution.
9. What are the 5 states of a process?
   1. New
   2. Running
   3. Waiting
   4. Ready
   5. Terminated