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1. System services Vs. System calls Vs.System Programs.
   * system calls operate at the kernel level, system services run in the background to support the OS, and system programs are user-level utilities that interact with both the OS and users.
2. What are the two different ways to send parameters to OS.
   * The parameter can pass through the registers and memory.
3. Give 2 examples of each from any three type of System calls.
   * Process control system calls using rgisters for example for(): creates a new process, exit(int status):Terminates the process
   * File management system callsusing registers: open(const char \*pathname, int flags): Opens a file, close(int fd): Closes a file descriptor.
4. Write 2 main difference between IOS and Android OS.
   * OS is open source op and IOS is closed source. The device ecosystem, IOS is only for apple devices and OS is available in different hardware devices not exclusive to android made.
5. Write the steps of system booting an OS.
   * Power On: Computer starts and runs basic hardware checks.
   * BIOS/UEFI Start: Initializes essential hardware.
   * Boot Device Selection: Chooses where to load the OS from (e.g., hard drive).
   * Bootloader Runs: Loads the core of the operating system.
   * Kernel Activation: OS kernel starts and takes control.
   * System Initialization: Essential services and drivers are started.
   * User Login: Login screen appears, waits for user input.
6. T/F. PIPE() is a type of communication system call.
   * True
7. T/F. Operating systems are high routines (Component programs) are written in assembly language.
   * False
8. T/F. Android has a closed source OS.
   * False