1. Implement the file system calls (create, open, read, write, close, and unlink, documented in syscall.h)
   1. UserProcess.java
      * Function “handleHalt()”: only root process can call
      * from “Modified by XH – START” to “Modified by XH – END”
      * Construct function “UserProcess()”
      * Function “handleSyscall”
   2. UserKernel.java
      * Function “run()”: deal with arguments
2. Implement support for multiprogramming.
   1. UserProcess.java
      * Function “loadSections”
      * Function “unloadSections”
      * Function “readVirtualMemory”
      * Function “writeVirtualMemory”
   2. UserKernel.java
      * public static LinkedList<Integer> freePages;
      * public static Lock freePagesLock;
      * Initialize above two variables