Assignment 5   CISC 7320X

1. Choose either the Linux kernel, OS X (the MAC OS) or Windows 10. Then go to the National Vulnerabilities Database, https://nvd.nist.gov/vuln/search, and look for a recent (within the last year) vulnerability discovered in the operating system. Describe the problem and how severe the problem is.

2. Investigate the Linux security kernel, SELinux
    a. Who originally developed the concept of a security kernel for Linux?
    b. When was SELinux first made available for installation?
    c. List some of the policies enforced by SELinux that make it a security kernel.

3. Is there any security kernel that has been mathematically proven to be correct? Explain.