

System Maintenance  
CPTR 1122  
Lab 06

- Contact your instructor with your questions about the assignments.
- The student must insure all the answers are free from any malware.
- The student must insure all answers are legal as defined by the class syllabus.
- All parts of your answers must be neat and easy to read.
- Paragraphs are at least four properly constructed English sentences.
- Embedding documents within documents does not work with the D2L Bright Space assignments.

**Lab06: Chapter 9: Flash and Removable Storage**

- 6.1. Each part is worth six points for a maximum of twenty-five points. Upload your document to the D2L Bright Space Assignment section 6.1 before the due date found in the 1122a.pdf document.
  - 6.1.1. Select a working lab or similar computer to gather the following information.
    - 6.1.1.1. The computer manufacturer, model, and serial number
    - 6.1.1.2. The current status of anti-malware protection
    - 6.1.1.3. The current status of operating system updates
    - 6.1.1.4. A list of all long term solid state storage devices, interfaces, and interface speed.
  
- 6.1. Each part is worth five points for a maximum of twenty-five points. Upload your document to the D2L Bright Space Assignment section 6.2 before the due date found in the 1122a.pdf document.
  - 6.1.1. Provide evidence of all irreplaceable files on a solid state media.
  - 6.1.2. Document all partition information on the drive.
  - 6.1.3. Provide a report showing an effective backup.
  - 6.1.4. Provide a report showing a secure erase.
  - 6.1.5. Provide evidence of recreating the original partitions and format.
  
- 6.2. Each part is worth eight points for a maximum of twenty-five points. Upload your document to the D2L Bright Space Assignment section 6.3 before the due date found in the 1122a.pdf document.
  - 6.2.1. Provide evidence of creating an operational Linux virtual machine.
  - 6.2.2. Provide documentation showing all the Linux virtual machine “hardware” settings.
  - 6.2.3. Provide evidence the Linux virtual machine is current with updates.
  
- 6.3. Each part is worth four points for a maximum of twenty-five points. Upload your document to the D2L Bright Space Assignment section 6.4 before the due date found in the 1122a.pdf document.
  - 6.3.1. Document completion of “Lesson 4, Under One Condition”
    - 6.3.1.1. Provide a copy of the source code successfully uses a button to turn the LED on and off.
    - 6.3.1.2. Provide a copy of the source code that includes the code purpose, sources of help, author name, and creation date.
    - 6.3.1.3. Provide a copy of the source code that includes the code purpose, sources of help, author name, creation date, and a modification. Identify the modification.
    - 6.3.1.4. Provide an estimate of how long you spent working on this lab section.