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**Track: PHP**

**Red Hat Lab(5)**

**1. Compress a file by compress, gzip, zip commands and decompress it again. State the**

**differences between compress and gzip commands.A screen shot of a computer screen

Description automatically generated**

**A screen shot of a computer code

Description automatically generated**

**File extension is different between compress and gzip**

**A computer screen shot of a computer screen

Description automatically generated**

**2. What is the command used to view the content of a compressed file.**

**A screenshot of a computer

Description automatically generated**

**3. Backup /etc directory using tar utility**

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**4. Starting from your home directory, find all files that were modified in the last two day.**

**A screenshot of a computer screen

Description automatically generated**

**5. Starting from /etc, find files owned by root user**

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**6. Find all directories in your home directory.**

**A computer screen with text

Description automatically generated**

**7. Write a command to search for all files on the system that, its name is “.profile”. A computer screen shot of a black background

Description automatically generated**

**8. Identify the file types of the following: /etc/passwd, /dev/pts/0, /etc, /dev/sda**

**A computer screen shot of a computer code

Description automatically generated**

**9. List the inode numbers of /, /etc, /etc/hosts.A black background with white text

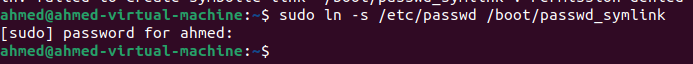
Description automatically generated**

**10. Copy /etc/passwd to your home directory, use the commands diff and cmp, and Edit in the file you copied, and then use these commands again, and check the output.**

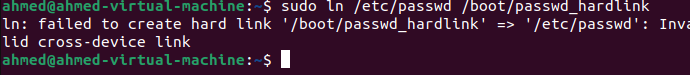
**A computer screen shot of a program code

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**11. Create a symbolic link of /etc/passwd in /boot.**

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**12. Create a hard link of /etc/passwd in /boot. Could you? Why?**

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**Because of the different filesystem boundaries and security restrictions between these directories.**