**Question 1: Creating and Renaming Files/Directories**

* mkdir test\_dir (creating directory with name test\_dir)
* cd test\_dir (chang directory to test\_dir)
* touch example.txt (creating empty file named example.txt)
* mv example.txt renamed\_example.txt (renaming example.txt to renamed\_example.txt)

**Question 2: Viewing File Contents**

* cat /etc/passwd (printing/displaying content of /etc/passwd)
* cat | head -5 /etc/passwd (printing/displaying first 5 lines of /etc/passwd)
* cat | tail -5 /etc/passwd (printing/displaying last 5 lines of /etc/passwd)

**Question 3: Searching for Patterns**

* grep "root" /etc/passwd (finding pattern “root” in file /etc/passwd)

**Question 4: Zipping and Unzipping**

* zip test\_dir.zip test\_dir (zipping test\_dir)
* mkdir unzipped\_dir (creating new directory named unzipped\_dir)
* mv test\_dir.zip unzipped\_dir (moving test\_dir.zip directory to unzipped\_dir)
* cd unzipped\_dir (changing directory to unzipped\_dir)
* unzip test\_dir.zip (unzipping test\_dir.zip in current directory i.e. unzipped\_dir)

**Question 5: Downloading Files**

* wget <https://example.com/sample.txt> (downloading file from given link)
* Another site for e.g.: wget https://raw.githubusercontent.com/vinta/awesome-python/master/README.md

**Question 6: Changing Permissions**

* touch secure.txt (creating file named secure.txt)
* chmod 444 secure.txt (giving read-only permission to everyone, 4 stands for read permission)

Output: -r--r--r-- 1 anjali\_ks0427 anjali\_ks0427 0 Jul 20 15:27 secure.txt

**Question 7: Working with Environment Variables**

* export MY\_VAR='Hello,Linux!' (setting environment variable)
* env (displaying all present environment variables)

**All commands history Screenshot:**

