# 

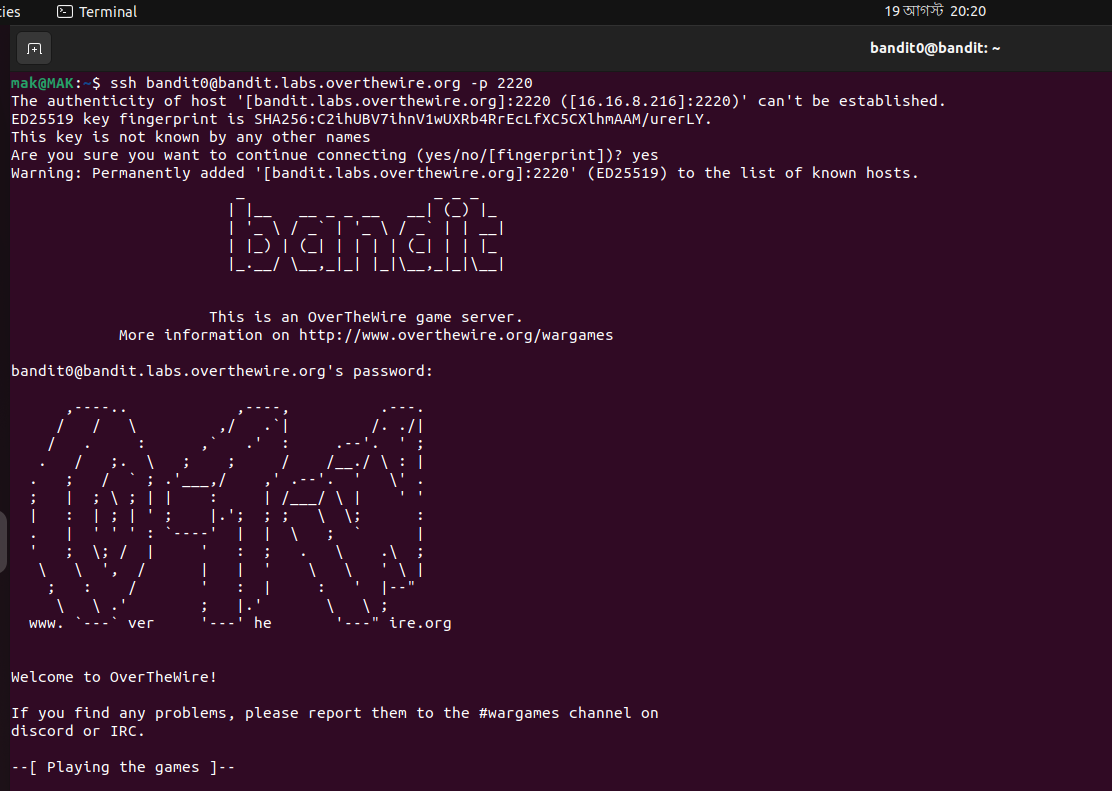
# **Department of Computer Science and Engineering Islamic University of Technology (IUT)** A subsidiary organ of OIC

# **Laboratory Report**

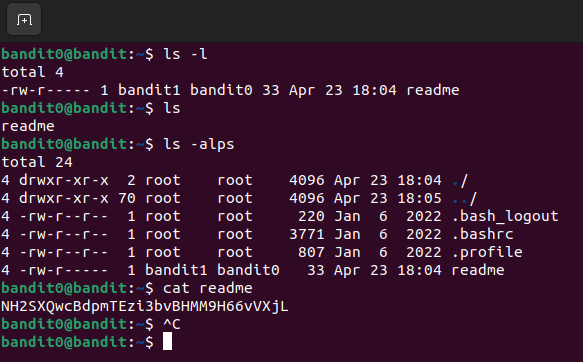
# CSE 4504 : Software Security Lab

## 

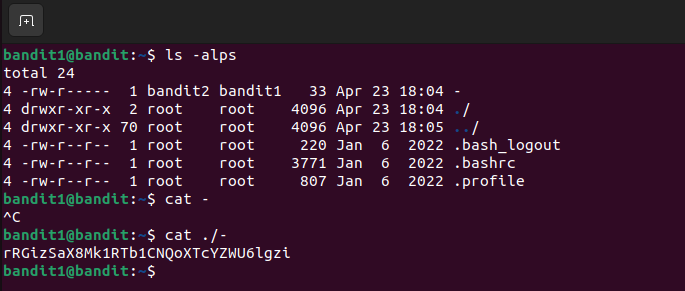
|  |  |
| --- | --- |
| **Name** | **: Mashrur Ahsan** |
| **Student ID** | **: 200042115** |
| **Section** | **: 1 (SWE)** |
| **Semester** | **: Summer (5th)** |
| **Academic Year** | **: 2022-23** |
| **Date of Submission** | **: 22/08/2023** |
| **Lab No** | **: 1** |



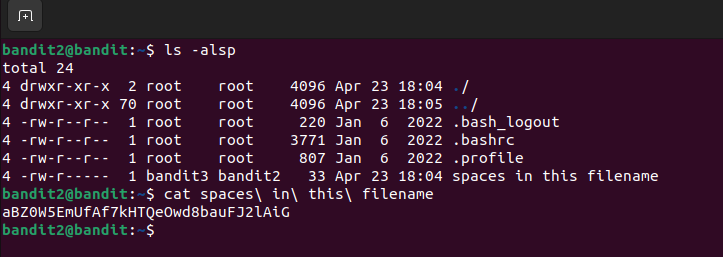
Level 0:



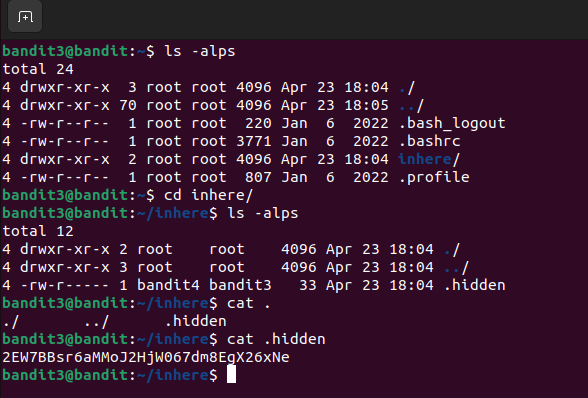
Password: bandit0

Level 1:

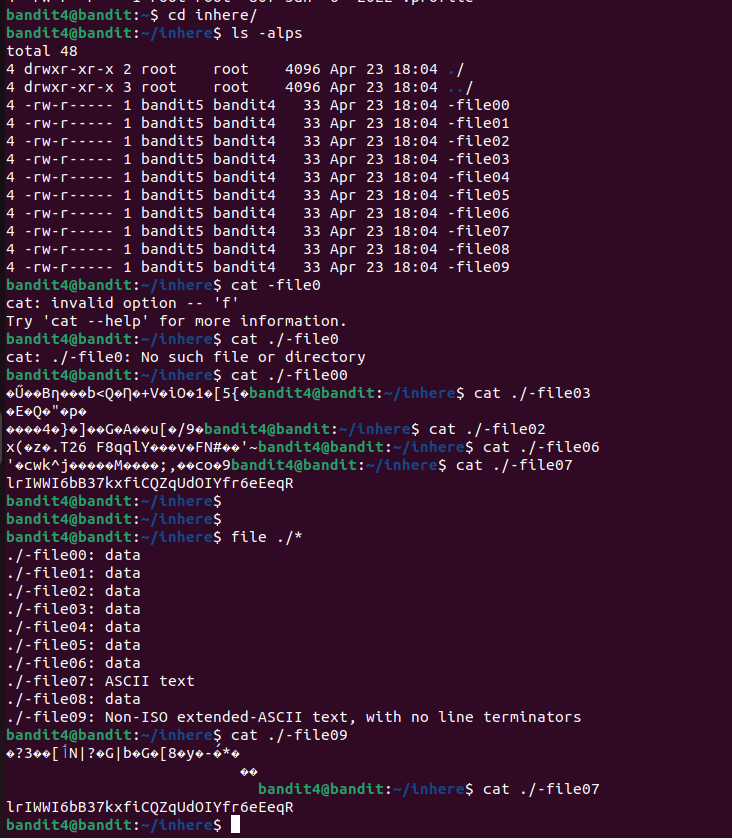
Password: NH2SXQwcBdpmTEzi3bvBHMM9H66vVXjL

Level 2:

Password: rRGizSaX8Mk1RTb1CNQoXTcYZWU6lgzi

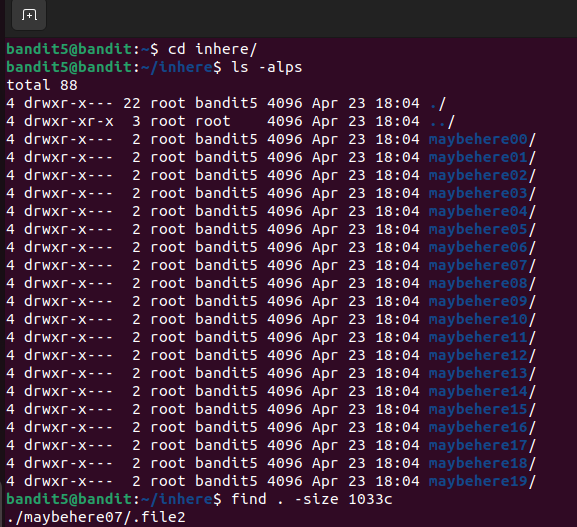
Level 4:

Password: aBZ0W5EmUfAf7kHTQeOwd8bauFJ2lAiG

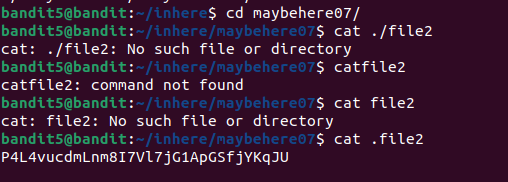
Level 5:

Password: aBZ0W5EmUfAf7kHTQeOwd8bauFJ2lAiG

Level 6:





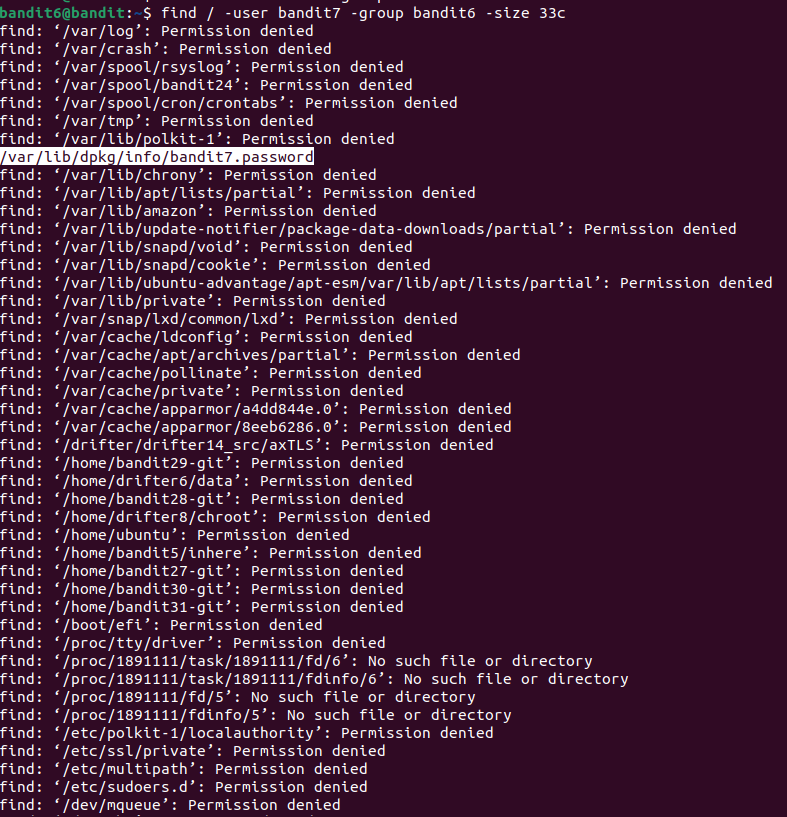


Password: lrIWWI6bB37kxfiCQZqUdOIYfr6eEeqR

Level 7:







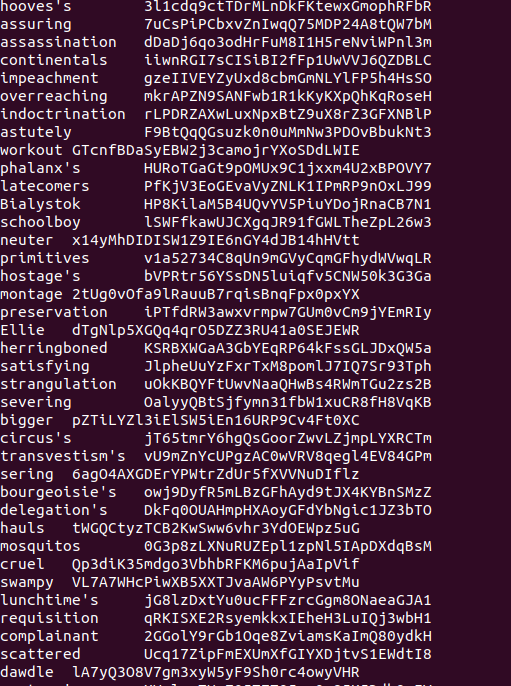


Password: P4L4vucdmLnm8I7Vl7jG1ApGSfjYKqJU

Level 8:  







Password: z7WtoNQU2XfjmMtWA8u5rN4vzqu4v99S

Level 9:





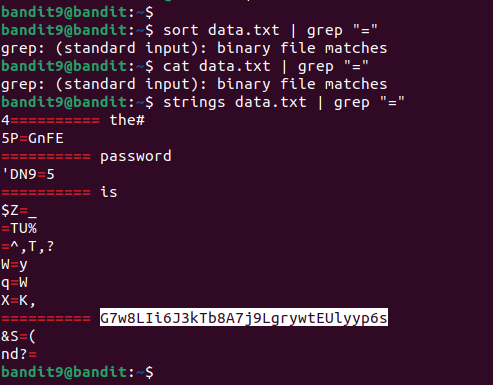




Password: TESKZC0XvTetK059xNwm25STk5iWrBvP

Level 10:

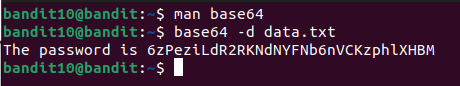




Password: EN632PlfYiZbn3PhVK3XOGSlNInNE00t

Level 11:

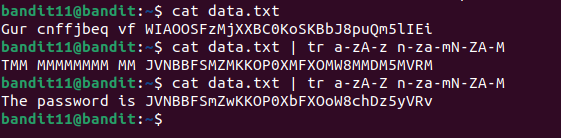




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Level 12:

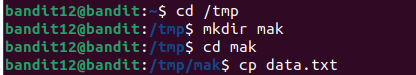
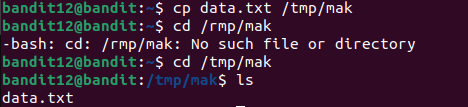


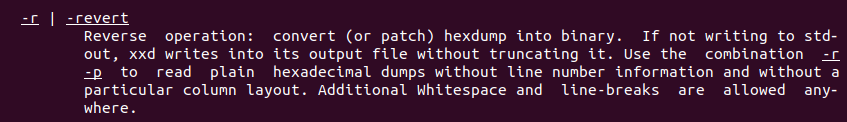


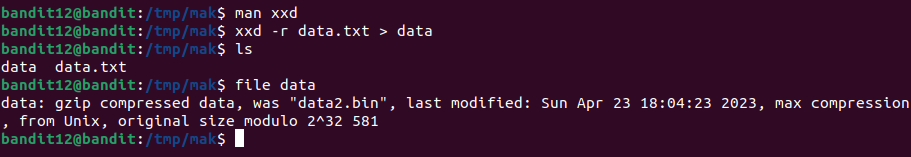
Password: 6zPeziLdR2RKNdNYFNb6nVCKzphlXHBM

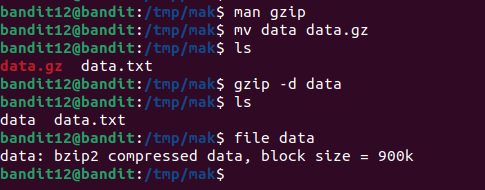
Level 13:

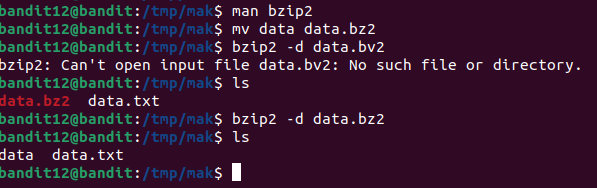


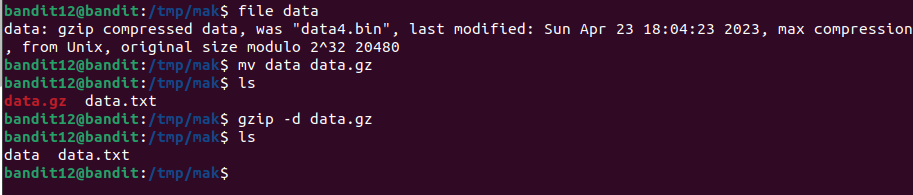


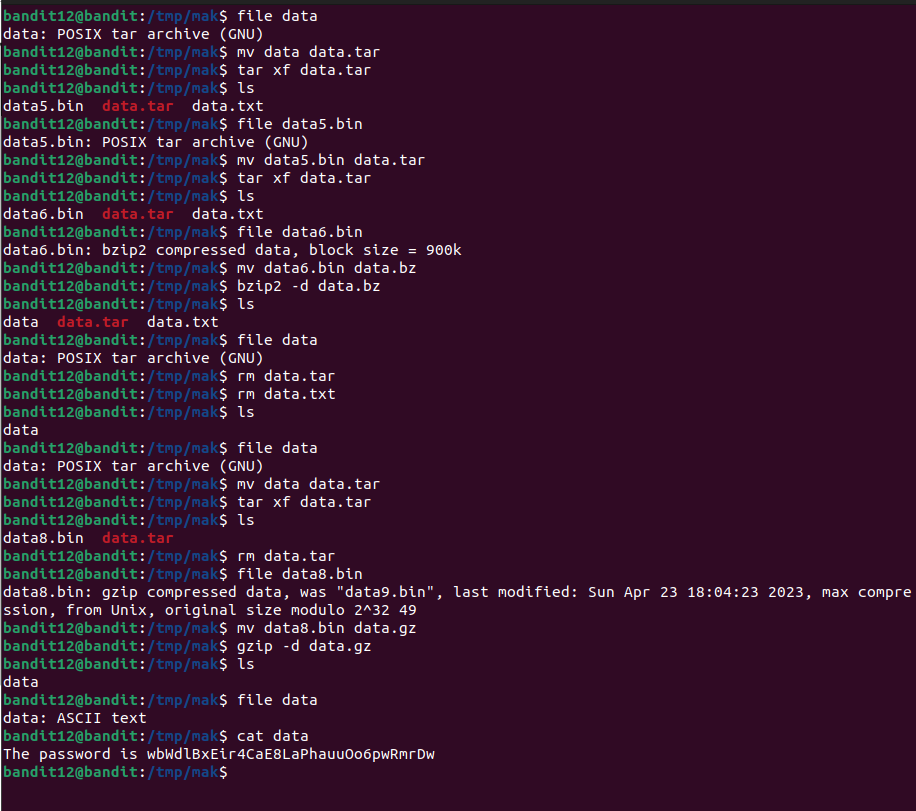






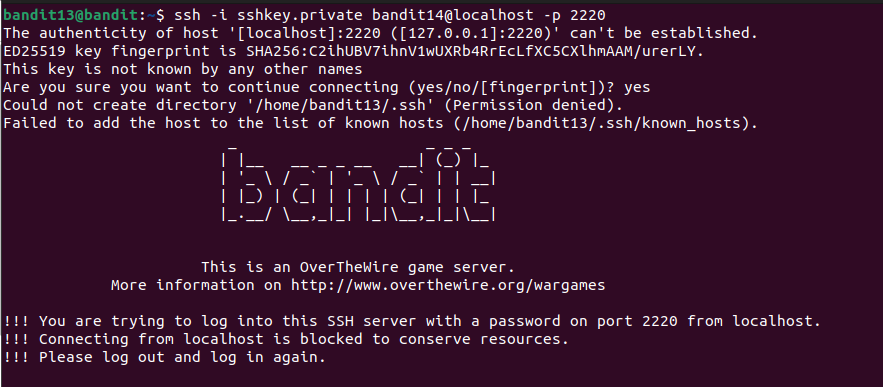






Password: JVNBBFSmZwKKOP0XbFXOoW8chDz5yVRV

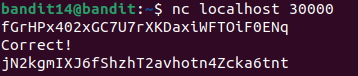
Level 14:





Password: wbwdlBxEir4CaE8LaPhauu006pwRmгDw

Level 15:

While being on the bandit14

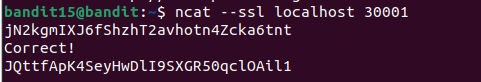
Password: fGrHPx402xGC7U7rXKDaxLWFTOLFOENG

Level 16:  



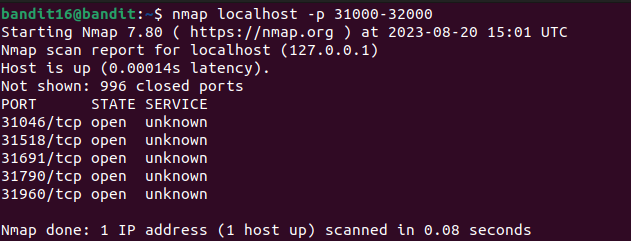




Password: jN2kgmIXJ6fShzhT2avhotn4Zcka6tnt

Level 17:



Then, trial and error. Got it right on the fourth one.



Copy this private key and then paste it in the vim editor. Name it key and then provide appropriate permissions. Then move on to the next level.

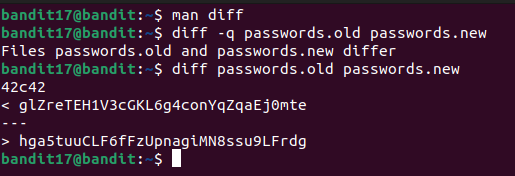


Password: JQttfAPK4SeyHwDl19SXGR50qcl0Ail1

Level 18:







Password: glZreTEH1V3cGKL6g4conYqZqaEj0mte

Level 19:

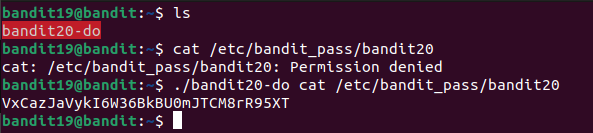




Password: hgastuuCLF6fFzUpnagiMN8ssu9LFrdg

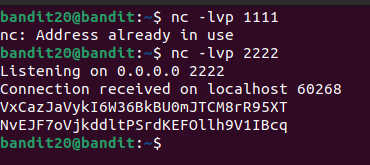
Level 20:



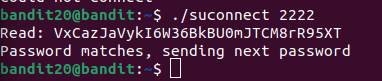


Password: awhqfNnAbc1naukrpqDYCF95h7HOMTгC

Level 21:



The 2nd Terminal:

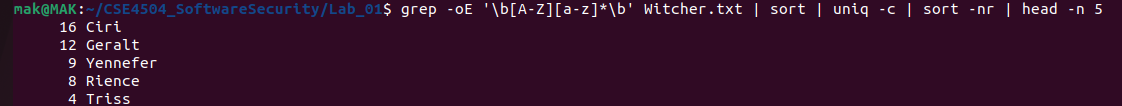


1st Terminal:

Password: VxCazJavykI6W36BKBU0mJTCM8гR95XT

Task 1:

Find the most frequent 5 capitalized words with their frequencies. You can only use pipes and redirections in the terminal. You can use multiple commands.



grep -oE '\b[A-Z][a-z]\*\b' filename.txt | sort | uniq -c | sort -nr | head -n 5