

# 2021 Cyber Security Academy - MTU June 8th - 11th Can You Hack it?

# Day 1: Lab 2 Linux Lab - Challenges

This lab includes four separate challenges, each challenge provides a part of a code. The challenge is to see you can get the full code and who can do the quickest.

The Challenges are located in the folder downloaded from Git in CyberAcademy2021/Tuesday.

#### Challenge 1:

- Make a directory on the Kali Linux VM Desktop called "Challenges"
- Make a file called "CyberAcademyFile.txt" in the Challenges folder.
- In CyberAcademy2021/Tuesday, run Linux\_Challenge\_1.sh using the following:
  - bash ./ Linux\_Challenge\_1.sh
- If you did everything correctly the output will be:
  - O Congratulations, Challenge Code 1: "CODE"
- If something isn't right, the output will be:
  - O Something not quite right, please try again

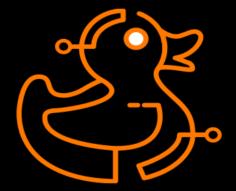
### Challenge 2:

- In the CyberAcademyFile.txt file from challenge 1 write Test1234 using echo
- In CyberAcademy2021/Tuesday, run Linux\_Challenge\_2.sh using the following:
  - o bash ./ Linux\_Challenge\_2.sh
- If you did everything correctly the output will be:
  - O Congratulations, Challenge Code 2: "CODE"
- If something isn't right, the output will be:
  - O Something not quite right, please try again

### Challenge 3:

- In CyberAcademy2021/Tuesday folder in the bash terminal, make a variable called CyberAcad with the value of Test12345
- In CyberAcademy2021/Tuesday, run Linux\_Challenge\_3.sh using the following:
  - o bash / Linux\_Challenge\_3.sh
- If you did everything correctly the output will be:
  - O Congratulations, Challenge Code 3: "CODE"
- If something isn't right, the output will be:
  - O Something not quite right, please try again





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### Challenge 4:

- Make a file called "file1.txt" in the Challenges folder.
- Make a file called "file2.txt" in the Challenges folder.
- Using a single command, write "Cyber Academy Linux Challenge 4" into both file1.txt and file2.txt (Hint: use "|")
- In CyberAcademy2021/Tuesday, run Linux\_Challenge\_4.sh using the following:
  - o bash ./ Linux\_Challenge\_4.sh
- If you did everything correctly the output will be:
  - O Congratulations, Challenge Code 4: "CODE"
- If something isn't right, the output will be:
  - O Something not quite right, please try again

Put the code together.

What is it?

Not with your bash skills practiced let's use those skills in a more practical way!!

