

# Lab Task 2

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## Requirements

- Complete all of the tasks defined below.
- Copy/Pasting (Plagiarism) from your classfellow will not be tolerated and will result in cancellation of your task.
- It is highly recommended that you use Notion.so to create your assignments.
- Each task must be solved in order.
- At the top of each file, following **MUST** be specified in the following manner:

```
Name: <Full-Name>
RollNumber: <Roll-Number>
Course: <Course-Name>
Date: <Date-of-Submission> (DD/MM/YYYY)
TotalQuestions: <Total-Questions>
AttemptedQuestions: <Number-of-questions-attempted>
---

# Example:
Name: Ali Taqi Wajid
RollNumber: 190792
Course: CY243L - Penetration Testing - Lab
Date: 02/10/2023
TotalQuestions: 3
AttemptedQuestions: 3
---
```

⇒ *This structure has to be followed by each student, if not; it may result in slight deduction of marks from the task/quiz/assignment. Example at: DRIVE*

## Submission Requirements

You are required to submit a single PDF file with the following naming convention:

```
<course-code>-<batch|section>-<roll_number>.pdf
## Example:
CY102L-F23-A-231521.pdf
```

⇒ *Any other file name will not be considered.*

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**NOTE: Use of ChatGPT will result in 0 marks.**

## **Tasks for Lab-2**

Run the following commands and attach screenshots of the output and one paragraph explaining what each command does:

### **1. whoami**

### **2. ls**

1. Also explain `-l` and `-a` arguments.
2. Look into `-R` argument and explain that

### **3. sudo**

1. Explain what `-s` does

### **4. su**

**BONUS:** Why does `su` ask for password of the user you're trying to switch to and `sudo su` doesn't.

(Plagiarism and AI Check will be used, make sure you write this yourselves.)

### **5. Do the following:**

1. Create a file in `/

NOTE: The more detailed the explanation; in fewer words, the more marks you're likely to get.

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Good Luck!

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