

# Lab Task 3

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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>
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# 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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## Tasks for Lab-3

1. Create a new user called `test`
2. Create a new group called `testgrp`
3. Add the `test` user to the `testgrp` group
4. Create 2 new files called `test1.txt` and `test2.txt` inside the `/tmp` directory and then delete them.
5. Create a new file called `my-file`. Write Hello World! into the file. Change the group of this file to `testgrp` and give it the following permissions:
  - User can read and write into the file
  - Groups can read and execute the file
  - Others can read from the file
  - Do this using both naming and numbers conventions.

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Good Luck!

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