

# Lab 3 Submission

## Question 1

The screenshot shows a Linux desktop environment. In the background, a web browser displays a page titled "Linux Fundamentals" with a sidebar menu and a main content area. The main content area is titled "Exploring GNOME System Settings" and lists tasks for exploring system settings. In the foreground, two windows are open: "Settings" and "Tweaks". The "Settings" window shows the "Search" section with a list of search results including "Settings", "Contacts", "Files", and "Calculator". The "Tweaks" window shows the "Mouse" section with a toggle for "Middle Click Paste" set to "On".

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Linux Fundamentals

MODULES

- Module 1 What is Linux?
- Module 2 Using Ubuntu
- Module 3 Administration

WEEK\_REPORT

- Week Report 1
- Week Report 2
- Week Report 3
- Week Report 4

LABS

- Lab 1 - Learning Markdown
- Lab 2 - Installing Debian 13
- Lab 3 - The GNOME DE and The Bash Shell
- Lab 4 - Software Installation and Shell Scripting

DOCUMENTATION

- Frequently Asked Questions
- Markdown Cheat Sheet

GUIDES

- Customize Gedit
- FORMAT control characters
- How to Setup Git and Github in Ubuntu 20.04
- How to install Starship Shell
- Install Jekyll
- Install NodeJS

This site uses Just the Docs, a documentation theme for Jekyll.

Exploring GNOME System Settings

GNOME provides two main apps for system configuration:

- **Settings** -> general options (appearance, apps, notifications, etc.)
- **GNOME Tweaks** -> advanced customization **Tasks**:

- 1 Open the **Settings** app. Explore the available categories.
- 2 Open **GNOME Tweaks**.

- 1 Go to **Windows** -> Enable Titlebar Buttons -> add Minimize and Maximize.
- 2 Notice the window border now shows Minimize, Maximize, and Close.
  - a Back in **Settings**:
- 3 Switch between **Dark Mode** and **Light Mode**, and choose an accent color.
- 4 Check **Default Apps** -> see which apps are set for each task.
- 5 Go to **Notifications** -> Turn on Do Not Disturb, or manage app-specific notifications.
- 6 Explore the **Search** section -> decide whether to include files in search results or just apps.
  - a Explore any other options you're curious about.

**Deliverable Question 1**

Take a screenshot of your full virtual machine screen.

- Name the file: q1.png
- Save it in your `lab3` folder/directory.

**Question 2: Working with the terminal emulator**

Before we start working with Bash, let's first get comfortable with the terminal emulator itself. Since most people have little to no experience using a terminal, this step will help you understand the application before we dive into commands.

Currently, your system has two terminal emulators installed:

- 1 GNOME Console
- 2 Tilix

For this lab, we will use Tilix because it offers more features than GNOME Console.

Settings

Search

App Search

Include app-provided search results

Search Locations

Filesystem locations which are searched by system apps

Search Results

Results are displayed according to the list order

- Settings
- Contacts
- Files
- Calculator

Tweaks

Mouse

Middle Click Paste

## Question 2

The screenshot shows a Linux desktop environment. On the left, a web browser displays the 'Linux Fundamentals' lab page, which includes a sidebar with navigation links and a main content area with instructions. The instructions cover enabling wide handles for spitters, setting up the default profile, and a deliverable question about taking a screenshot. A 'Question 3: Trying Out Some Basic Commands' section follows, detailing steps for splitting the terminal, opening the manual page, and using the echo command. In the center, a terminal window is open, showing a split view with two panes. The top pane displays the terminal's preferences dialog, specifically the 'Advanced' tab, which lists various settings like Global, Appearance, Bookmarks, Shortcuts, Encoding, and Profiles. The bottom pane shows the terminal output, including the command 'man echo' and its output. On the right, another terminal window is visible, showing the command 'echo -n "hello world"' and its output.

## Question 3

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