Term 1 Recap & How These Slides Work

The meta workshop.

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Term 1 Recap

What We Covered

- **Workshop 1:** Productivity tools (gemini-cli, Quarto)
- **Workshop 2:** APIs (HTTP, cURL, DevTools)
- **Workshop 3:** Bash basics (terminal, scripting)
- **Workshop 4:** Git (version control)

That’s a lot for one term.

Quick Recap: gemini-cli

AI assistant in your terminal.

```
gemini "explain recursion to me"
```

Quick Recap: APIs

HTTP is just text.

```
GET /api/users HTTP/1.1
Host: example.com
```

Browser DevTools → Copy as cURL → Automation.

Quick Recap: Bash

Commands in a file = scripts.

```
for i in *.pdf
do
  echo "Processing $i"
done
```

Quick Recap: Git

Time machine for your code.

```
git add .
git commit -m "message"
git push
```

How These Slides Work

The Meta Part

You’re watching a presentation **about making presentations**.

Inception vibes.

It’s Just Markdown

These slides are written in **plain text**.

```
# Slide Title

- Point one
- Point two
```

No PowerPoint. No Canva. Just code.

The File Structure

```
workshop_name/
├── main.qmd           # The presentation
├── main.html          # Generated output
└── main_files/        # Images, assets
```

The YAML Header

```yaml
---
title: "My Workshop"
author: "Jayrup"
format: revealjs
theme: night
chalkboard: true
---
```

This controls **everything**.

RevealJS Theme

```
theme: night
```

Options:

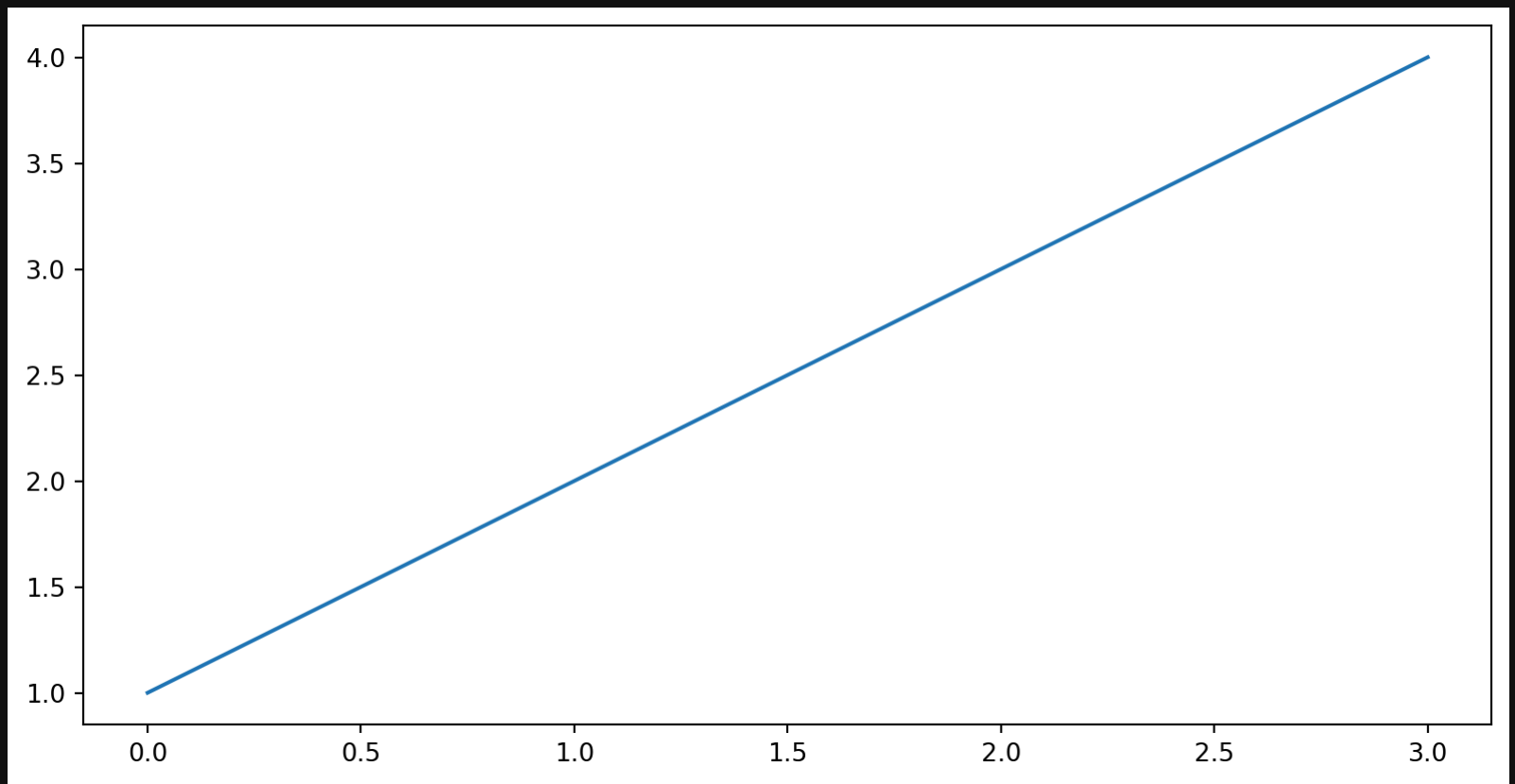
- `night` ← we're using this
- `simple`
- `dark`
- `white`
- …

more themes

Running Code

```
print("hello world")
import matplotlib.pyplot as plt
plt.plot([1,2,3,4])
plt.show()
```

```
hello world
```



Fragments (The Reveal Magic)

Content that **appears step by step**.

```
:::{.fragment}
This appears second.
:::
```

This appears second.

Callouts

```
:::{.callout-warning}
This is a warning.
:::
```

⚠ **Warning**

401 vs 403
401: Who are you?
403: I know you, but no.

Building Your Own

1. Create `workshop_name/main.qmd`
2. Add the YAML header
3. Write content in Markdown
4. Run:

```
quarto render main.qmd
```

That’s it. You now have a presentation.

Accessing the Materials

Where Everything Lives

github.com/jayrup/computing-society/workshops

```
workshops
├── 01_tools          # gemini-cli and quarto basics
├── 02_git            # git basics
├── 03_api            # APIs and curl
├── 04_bash           # bash basics
├── 05_03_feb_2026    # This one
└── README.md
```

How to Use It

1. **Clone it**
2. **Look at the .qmd files**
3. **Render them yourself**
4. **Modify and experiment**

Learning by doing.

The Examples Folder

Each workshop has:

- `main.qmd` ← presentation
- `main.html` ← rendered version (gitignored)
- `main_files/` ← assets (gitignored)

Making Your Own Copies

```
git clone https://uel-computing-society/workshops.git
cd {workshop_name}
quarto render main.qmd
```

Edit the `.qmd` file and render again.

Going Forward

Term 2 Preview

What do you want to learn?

- Docker?
- Linux?
- More automation?
- Something else?

Tell me. I'll plan it.

The Goal

Build your **toolbox**.

Everything I show you should save you time eventually.

It’s an investment.

Final Thoughts

- These slides are just text
- You can edit them
- You can share them
- You can build on them

That’s the power of learning these tools.

Go home and break something.