1. THE "EUROVISION" STRATEGY (Neo4j Section)

The Core Task: Even though the brief says "UK Charts," the lecturer explicitly stated:

> "The data you've got for your non relational database is based on Eurovision."

How this changes your approach:

- **Nodes:** Instead of `(Song)` and `(Artist)`, you will likely be creating nodes like `(Country)`, `(Contestant)`, or `(Song)`.
- **The "Create" Pattern:** The lecturer demonstrated the exact syntax you need for **Exercise 1** (creating the database).

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2. LECTURER'S "GOLDEN SYNTAX" FOR NEO4J

The lecturer gave a very specific, step-by-step walkthrough of how they want you to type commands. Follow this *exact* style to avoid the "port errors" and syntax issues they warned about.

A. The "Create" Command (Verbatim Protocol)

- **Syntax:** `CREATE (variable:Label)`
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Lecturer's Rule: "For create, we just use the rounded brackets. And nicely for the lazy individuals among us, it puts a second one in for you."

- **Example (Lecturer's Demo):**

```
CREATE (name:Lauren)
```

(Note: You will adapt this to CREATE (c:Country) or similar for Eurovision).

B. The "Variable Naming" Warning (Crucial)

The Trap: "Try to avoid variable names, like `for`, in things that will also be variable names because it will highlight them as green and then it won't let you use them because it's protected."

- **The Fix:** Use simple, non-command variables (e.g., use `p` for person, `c` for country). Do not use SQL words like `select`, `match`, or `where` as variable names.

C. Handling Errors

- **The "Incomplete" Error:** If you see `Expected (...)`, it usually means you missed a bracket. The lecturer noted: "It expected those rounded brackets."

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The "Memory" Trick: "Flicking up and down with the arrow keys will do first and last commands." Use this to fix typos without retyping the whole line.

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3. THE "PORT ERROR" SURVIVAL GUIDE (High Priority)

The lecturer spent significant time on this. It is a known failure point for this assignment.

The Trigger: "If you just exit Neo4j without saving or without stopping the database, it does cause errors with ports."

- **The Consequence:** You cannot restart the database.

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The Only Fix: "Delete the database and the project and start all over again."

- **The Prevention:** Always click **STOP** on the database (turn the blue bar to grey) before closing the application window.

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4. SUBMISSION & FORMATTING (Adapted from Brief context)

Based on the brief's structure and the lecturer's comments, here is how you must format the Neo4j work:

Text Output Only: "If you want to look at it as a data... you can get it as a nice little text table... if you click text, you can just copy and paste this into your text file for your submission."

2. **No Code in Report / Code in Exercises:**

Set Exercises (Neo4j): "I will be running your code to make sure it runs." -> **Submit exact Cypher code.**

Report: "I do not want to see your code in the report." -> **Submit interpretation only.**