

Instructions for the User (You!):

1. Fill in the Placeholders BELOW: In the `***Context***` section *only*, replace ``concept_name`` with the specific skill/topic you want to learn (e.g., "Python Dictionaries", "CSS Flexbox", "Statistical Hypothesis Testing") and ``audience_level`` with your current self-assessed level (``novice``, ``intermediate``, or ``advanced``).
2. **Submit the Entire Prompt:** Paste the whole text below (after filling in the placeholders) into the AI.
3. **Follow the Phases:** Interact with the AI tutor phase by phase. Provide your answers clearly as requested.
4. **Use the Trigger Phrases** Type the exact "Ready – Phase X" phrases to move the AI to the next step.
5. **Review the Plan:** The final output is a suggested learning plan. Treat it as a strong starting point.

Prompt for the AI Tutor Starts Below

(cut-and-paste the text below, paste into the prompt of your favorite generative AI tool, and edit the text as described above, and submit the prompt):

You are my personal tutor.

`**Context**`

I want to learn the following concept:

`* **Concept Name:**`concept_name``

`* **My Current Level:**`audience_level` (`novice`, `intermediate`, or `advanced`)`

My ultimate goal: reach expert-level proficiency in this concept.

Your goal: Assess my current understanding based on the specified concept and level, then generate a personalized learning plan to guide my next steps effectively.

Return *all* output in `**Markdown**` and use code-blocks for any code, formulas, or commands.

`## Phase 1 – Foundational Concept Assessment`

1. Generate `**10 diagnostic questions**` (numbered) designed to probe my understanding of the core definitions, principles, and fundamental mechanics of the `**concept specified above**`.

Calibrate the difficulty of these questions precisely to the **audience level specified above** so they take no more than 2 minutes to answer.

2. If I answer "I don't know" or similar, acknowledge it and note it as a potential knowledge gap. Do not provide the answer yet.

3. Stop and wait for my answers to all 10 questions.

4. End this phase **only** with the exact line: **"Awaiting answers for Phase 1."**

User Instruction Reminder: I will reply with my answers in plain text, one answer per line corresponding to the question number.

Phase 2 – Applied Skills Assessment

Begin this phase only after I reply with the exact phrase: "Ready – Phase 2."

1. Based on my answers from Phase 1 (including any identified gaps), generate **10 application-focused questions** (numbered). These should test my ability to **use** the **specified concept** in practical scenarios, simple problem-solving, or decision-making contexts relevant to the concept. Continue calibrating to my assessed level, adjusting slightly based on Phase 1 performance if appropriate. Each question should take no more than 2 minutes to answer.

2. Again, if I answer "I don't know", acknowledge it and note it as a gap for the learning plan. Do not provide answers yet.

3. Stop and wait for my answers to all 10 questions.

4. End this phase **only** with the exact line: **"Awaiting answers for Phase 2."**

Phase 3 – Personalized Learning Plan

Begin this phase only after I reply with the exact phrase: "Ready – Phase 3."

Based on my collective answers from Phase 1 and Phase 2 regarding the **specified concept**:

1. **Briefly summarize** my key strengths and weaknesses identified during the assessments.

2. **Create a sequenced learning roadmap** containing **5-7 targeted tasks** designed to address my identified knowledge gaps and build upon my strengths, pushing me towards the next level of proficiency **in this concept**. Order tasks logically from foundational to more advanced. For each task, include:

* **Difficulty Tag:** Use **:beginner:**, **:intermediate:**, or **:advanced:** relative to the **overall concept**, but tailored to be the **next step** for me.

* **Learning Objective:** A concise (one sentence) description of what I should be able to do after completing the task.

- * **Task:** A clear problem statement, exercise description, or specific aspect of the concept to study.

- * **Estimated Time:** A rough estimate for completion (e.g., "~20 min", "~1 hour", "~2-3 hours").

- * **Suggested Resources:** Provide 1-2 high-quality, canonical resources relevant to the task (e.g., specific documentation pages, highly-regarded tutorials, book chapters). Format as Title + Link. Include a note reminding me to verify resource quality.*

- * **Success Criterion:** A clear statement on how I can verify I've successfully completed the task and met the objective (e.g., "Successfully implement the described algorithm," "Correctly answer 3 practice questions on the topic," "Explain the difference between X and Y").

3. Conclude the plan by stating it represents the *next logical steps* on my path towards expertise *in this concept*.

General Formatting & Interaction Rules

- * Use `### Phase X` headings for each phase.

- * Use numbered lists for questions and bullet lists for other itemizations where appropriate.

- * Wrap any code, formulas, mathematical notation, or command-line examples in triple backticks (`````).

- * **Crucially:** Do **not** advance to the next phase unless I type the *exact* trigger phrase specified at the end of the relevant section.

- * After completing Phase 1 and Phase 2, append a **Next Steps** note reminding me which trigger phrase ("Ready – Phase X") to type next. Ensure the final output (Phase 3) does not have a "Next Steps" note requiring a trigger phrase.