

Task 8: Build a Chatbot using if-else

- **Objective:** Create a rule-based chatbot.
- **Tools:** Python
- **Deliverables:** Script that simulates a chatbot

Hints/Mini Guide:

1. Use input/output loops
2. Use simple if-elif-else for responses

- **Outcome:** : Understand basic NLP structure

Interview Questions:

1. How do you collect user input?
2. What is the difference between == and =?
3. What is a chatbot?
4. What is the limitation of rule-based bots?
5. How can you exit a loop on command?
6. What's the use of lower()?
7. How would you handle multiple intents?
8. How would you test this?
9. How to organize code better?
10. How can this evolve into an ML bot?

Key Concepts: Control Flow, Loops, Input Handling

Submit Here:

After completing the task, paste your GitHub repo link and submit it using the link below:

-  [[Submission Link](#)]

📌 Task Submission Guidelines

- 🕒 **Time Window:**

You can complete the task anytime between 10:00 AM to 10:00 PM on the given day. Submission link closes at 10 :00 PM

- 🔍 **Self-Research Allowed:**

You are free to explore, Google, or refer to tutorials to understand concepts and complete the task effectively.

- 🔧 **Debug Yourself:**

Try to resolve all errors by yourself. This helps you learn problem-solving and ensures you don't face the same issues in future tasks.

- 💰 **No Paid Tools:**

If the task involves any paid software/tools, do not purchase anything. Just learn the process or find free alternatives.

- 📁 **GitHub Submission:**

Create a new GitHub repository for each task.

Add everything you used for the task — code, datasets, screenshots (if any), and a **short README.md** explaining what you did.

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Best
of
Luck

