DAY – 34

15 September 2025

```
from flask import Flask, render_template, request, jsonify

from chatbot import get_response


app = Flask(__name__)


@app.route("/")

def index():

    return render_template("index.html")


@app.route("/ask", methods=["POST"])

def ask():

    data = request.get_json()

    message = data.get("message")

    response = get_response(message)

    return jsonify({"reply": response})


if __name__ == "__main__":

    app.run(debug=True)
```

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```
from flask import Flask, render_template, request, jsonify

from nltk.chat.util import Chat, reflections


# Define chatbot patterns and responses

pairs = [

    [r"hi|hello|hey", ["Hello there! □ It's nice to meet you!", "Hi! □ What brings you here
today?"]],

    [r"build ai chatbot", ["Sure, I can help you build an AI chatbot. What platform are you
using?"]],

    [r"using chatbot", ["Using a chatbot is easy! Just type your question or choose one of the
options below."]],

    [r"i have questions", ["Great! Feel free to ask me anything about our ChatBot product.
□"]],

    [r"just browsing", ["No worries! Take your time exploring. Let me know if you need help.
□"]],

    [r"(.*)help(.*)", ["Sure! I'm here to help. Please ask your question."]],

    [r"bye", ["Goodbye! Have a great day. □"]]

]


# Initialize chatbot

chatbot = Chat(pairs, reflections)


# Initialize Flask app

app = Flask(__name__)
```

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```
@app.route("/")

def home():

    return render_template("index.html")



@app.route("/get", methods=["POST"])

def get_bot_response():

    user_input = request.json.get("msg")

    response = chatbot.respond(user_input)

    return jsonify({"response": response})



if __name__ == "__main__":

    app.run(debug=True)
```

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