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def predict_disease(symptoms):
    # Convert symptoms to lowercase
    symptoms = [s.lower() for s in symptoms]

    # Rule-based prediction (simplified logic)
    if "fever" in symptoms and "cough" in symptoms and "fatigue" in symptoms:
        return "Flu"

    elif "fever" in symptoms and "headache" in symptoms and "nausea" in symptoms:
        return "Typhoid"

    elif "headache" in symptoms and "nausea" in symptoms and "sensitivity to light" in symptoms:
        return "Migraine"

    elif "vomiting" in symptoms and "nausea" in symptoms and "diarrhea" in symptoms:
        return "Food Poisoning"

    elif "fever" in symptoms and "chills" in symptoms and "sweating" in symptoms:
        return "Malaria"

    else:
        return "Unknown - Please consult a doctor"

# -----
# 🔍 Input from user
# -----

print("Enter your symptoms one by one. Type 'done' to finish:")
user_symptoms = []

while True:
    symptom = input("Symptom: ")
    if symptom.lower() == "done":
        break
    user_symptoms.append(symptom)

# 🔍 Predict disease
predicted = predict_disease(user_symptoms)
print("\nPredicted Disease:", predicted)

```