

## MEDICAL DIAGNOSIS

```
# Simple Medical Diagnosis
```

```
def diagnose(symptoms):
```

```
    if "fever" in symptoms and "cough" in symptoms and "fatigue" in symptoms:
```

```
        return "You might have the flu."
```

```
    if "headache" in symptoms and "nausea" in symptoms:
```

```
        return "You might have a migraine."
```

```
    if "sore throat" in symptoms and "fever" in symptoms:
```

```
        return "You might have a throat infection."
```

```
    return "Diagnosis unclear. Please consult a doctor."
```

```
print("Welcome to the Simple Medical Diagnosis System.")
```

```
# Questions
```

```
questions = ["fever", "cough", "fatigue", "headache", "nausea", "sore throat"]
```

```
symptoms = [q for q in questions if input(f"Do you have {q}? (yes/no) ").strip().lower() ==  
"yes"]
```

```
# Diagnose
```

```
print("\nDiagnosis:", diagnose(symptoms))
```