```
health monitor.py X
        C: > Users > vedes > 💠 health monitor.py > 😭 HealthMonitoringSystem > 😭 add_patient
                     def __init__(self, patient_id, name):
    self.patient_id = patient_id
                          self.health records = []
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                     def get_latest_record(self):
                      def compare_with_latest(self, record):
                          latest_record = self.get_latest_record()
                          return false # No previous record to compare
# Logic to compare current record with the latest record
return any(abs(latest_record[k] - record[k]) > 5 for k in record)
                 class HealthMonitoringSystem:
                     def add_patient(self, patient):
    self.patients[patient.patient_id] = patient
                      def get_patient(self, patient_id):
                           return self.patients.get(patient_id, None)
                      def input_patient_data(self, patient):
                                                                                                                            Ln 25, Col 36 Spaces: 4 UTF-8 CRLF ( Python 3.12.1 64-bit @ Go Live
```

This is how the implementation works:

Example Implementation:

Let's say the program runs with the following user input:

1. **Patient ID:** 348

2. Patient Name: Dhanya

3. Health Parameter 1: Blood Pressure = 120

4. **Health Parameter 2:** Oxygen = 98

5. Health Parameter 3: Glucose Levels = 120

6. **Done Inputting Parameters?** Yes

7. Result: "No significant changes detected for Dhanya. No new diagnosis needed."

If John Doe visits again and the following data is entered:

1. **Patient ID:** 348

2. Patient Name: Dhanya

3. Health Parameter 1: Blood Pressure = 124 (Changed)

4. Health Parameter 2: Oxygen = 79 (Changed)

5. **Health Parameter 3:** Glucose Levels = 90 (Changed)

- 6. Done Inputting Parameters? Yes
- 7. Result: "New significant changes detected for Dhanya. New diagnosis needed."

Code Implementation:



