

Patients With a Condition

Question:

<https://leetcode.com/problems/patients-with-a-condition/>

PATIENTS	
Column	Type
patient_id	int
patient_name	varchar
conditions	varchar

patient_id is the primary key for this table.

'conditions' contains 0 or more code separated by spaces.

This table contains information of the patients in the hospital.

Write an SQL query to report the patient_id, patient_name all conditions of patients who have Type I Diabetes. Type I Diabetes always starts with DIAB1 prefix

Return the result table in any order.

Query 1

The approach was to use a **WHERE** clause with a condition to check for pattern like **DIAB1**.

```
SELECT
    patient_id,
    patient_name,
    conditions
FROM Patients
WHERE (conditions LIKE '%DIAB1%')
```

This failed at cases like **ABC DIAB100** because our condition doesn't account for the space at the start of **DIAB1**.

Query 2

Just added another condition to handle the space with an **OR** in between.

```
SELECT
    patient_id,
    patient_name,
    conditions
FROM Patients
WHERE (conditions LIKE 'DIAB1%') OR (conditions LIKE '% DIAB1%')
```