SQL Code

Demo on website : https://www.sql-practice.com

Select fields from 2 Tables, patients and admissions

```
    -- Select patient details along with all fields from the Admissions
table
SELECT
    P.patient_id,
    P.first_name,
    P.last_name,
    A.admission_date,
    A.discharge_date,
    A.diagnosis,
    A.attending_doctor_id
FROM
    Patients P
JOIN
    Admissions A ON P.patient_id = A.patient_id;
```

Use * to select all fields

```
SELECT
    P.patient_id,
    P.first_name,
    P.last_name,
    A.*
FROM
    Patients P
JOIN
    Admissions A ON P.patient_id = A.patient_id;
```

Select fields from 2 Tables, patients and admissions where patient id = 3

```
    -- Select patient details along with all fields from the Admissions
table
SELECT
    P.patient_id,
    P.first_name,
    P.last_name,
    A.admission_date,
    A.discharge_date,
    A.diagnosis,
    A.attending_doctor_id
```

```
    FROM
        Patients P
    JOIN
        Admissions A ON P.patient_id = A.patient_id
    where P.patient_id = "3"
```

Select fields from 2 Tables, patients, admissionsand Doctors

```
    -- Select patient details along with all fields from the Admissions
table and doctor details
SELECT
    P.patient_id,
    P.first_name,
    P.last_name,
    A.admission_date,
    A.discharge_date,
    A.diagnosis,
    A.attending_doctor_id,
    D.first_name AS doctor_first_name,
    D.last_name AS doctor_last_name,
    D.specialty
FROM
    Patients P
JOIN
    Admissions A ON P.patient_id = A.patient_id
JOIN
    Doctors D ON A.attending_doctor_id = D.doctor_id;
```