**Easy Level:**

1. **Retrieve All Columns:**
   * Write a query to select all columns from the table.
2. **Filter by Age:**
   * Retrieve the names and ages of patients who are 25 years old.
3. **Distinct Hospitals:**
   * List all distinct hospital names from the table.

**Intermediate Level:**

1. **Top Billing Amount:**
   * Find the top 3 billing amounts along with patient names.
2. **Admission Types Count:**
   * Count the number of admissions for each admission type.
3. **Patients Without Insurance:**
   * Retrieve the names of patients who do not have insurance providers.

**Advanced Level:**

1. **Medication Analysis:**
   * Identify the most prescribed medication and the number of patients taking it.
2. **Longest Hospital Stay:**
   * Find the patient with the longest duration of hospital stay.
3. **Revenue by Doctor:**
   * Calculate the total billing amount generated by each doctor.
4. **Dynamic Date Range Analysis:**
   * Create a query that allows users to input a date range and retrieves patient information (name, admission date, discharge date) within that range.

**Easy Level:**

1. Retrieve all columns for patients with the medical condition "Diabetes."
2. Count the number of male and female patients in the dataset.
3. List the unique blood types present in the table.
4. Calculate the average age of patients.
5. Find the names of patients admitted to room number 101.
6. Retrieve the names of patients who were admitted in the last month.
7. List the distinct admission types in the dataset.

**Intermediate Level:**

1. Calculate the total billing amount for each hospital.
2. Identify the top three doctors with the highest number of patients.
3. Find the patient with the highest billing amount.
4. Calculate the average billing amount for each insurance provider.
5. Retrieve the names of patients who stayed in the hospital for more than 10 days.
6. List the patients who have undergone a specific medication.
7. Identify the patients who had multiple admissions.

**Advanced Level:**

1. Calculate the total billing amount for each admission type.
2. Find the hospital with the highest average billing amount.
3. Identify the doctor with the most diverse set of patients (different medical conditions).
4. Calculate the median age of patients.
5. Retrieve the names of patients with the highest total billing amount for a specific insurance provider.
6. Identify the patients who were readmitted within 30 days.

**Basic to Intermediate Level:**

1. Write a query to retrieve the names and ages of patients.
2. Find the total number of male and female patients.
3. Retrieve the distinct blood types present in the table.
4. Calculate the average billing amount for all admissions.
5. List the names of doctors and the count of patients each one has treated.
6. Identify the most common medical condition among patients.
7. Display the top 5 hospitals with the highest billing amounts.
8. Find the patients who were admitted in the last three months.
9. Determine the average age of patients for each blood type.
10. Retrieve the names of patients who have the same blood type as the doctor named "John Smith."

**Intermediate Level:**

1. Calculate the total billing amount for each insurance provider.
2. Identify the rooms with the highest number of admissions.
3. List the doctors who have treated patients with a specific medical condition.
4. Find the patients with a billing amount above the average billing amount.
5. Calculate the percentage of male and female patients for each blood type.
6. Identify the doctors who have treated patients in more than one hospital.
7. Retrieve the names of patients who were admitted and discharged on the same day.
8. Find the hospital with the highest total billing amount.
9. Calculate the average billing amount for each admission type.
10. List the patients who have had more than one admission.

**Intermediate to Advanced Level:**

1. Identify patients with a medical condition starting with the letter 'C' and ending with the letter 's.'
2. Calculate the median billing amount for each hospital.
3. Retrieve the names of patients who have been treated by more than one doctor.
4. Find the patients who have undergone a specific test with abnormal results.
5. Calculate the cumulative billing amount for each patient over all admissions.
6. Identify the doctors who have not treated any patients.
7. Retrieve the patients with the highest and lowest billing amounts.
8. Calculate the average length of stay for each hospital.
9. List the hospitals where the average billing amount is above the overall average.
10. Identify the patients who have been prescribed a specific medication and also undergone a specific test.