```sql
-- Q1.Show records of 'male' patient from 'southwest' region.

SELECT * FROM bima WHERE gender='male' AND region='southwest';


--  Q2.Show all records having bmi in range 30 to 45 both inclusive.

SELECT * FROM bima WHERE bmi bETWEEN 30 AND 45;


-- Q3.Show minimum and maximum bloodpressure of diabetic patient who
smokes. Make column names as MinBP and MaxBP respectively

SELECT MIN(bloodpressure) AS "MinBP",
max(bloodpressure) AS "MaxBP"
FROM bima WHERE diabetic='Yes' AND smoker="Yes";


-- Q4. Find no of unique patients who are not from southwest region

SELECT count(DISTINCT(PatientID)) FROM bima WHERE region <>'southwest';


-- Q5 Total claim amount from male smoker.
SELECT sum(claim) AS "Total Claim" FROM bima WHERE gender='male' AND
smoker='Yes';

-- Q6 Select all records of south region.
SELECT * FROM bima WHERE region ='southwest';

-- Q7. No of patient having normal blood pressure. Normal range[90-120]
SELECT count(*) FROM bima WHERE bloodpressure BETWEEN 90 AND 120;


-- Q8. No of pateint belo 17 years of age having normal blood pressure as
per below formula -
-- BP normal range = 80+(age in years × 2) to 100 + (age in years × 2)
-- Note: Formula taken just for practice, don't take in real sense.

SELECT count(*) FROM bima WHERE age < 17
AND (bloodpressure BETWEEN 80+(age * 2) AND 100+(age * 2));


-- Q9 What is the average claim amount for non-smoking female patients who
are diabetic?

SELECT AVG(claim) FROM bima WHERE gender='female' AND smoker='No';


-- Q10. Write a SQL query to update the claim amount for the patient with
PatientID = 1234 to 5000.

UPDATE bima SET claim = 5000 WHERE PatientID=1234;
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-- Q11.Write a SQL query to delete all records for patients who are
smokers and have no children.

DELETE FROM bima WHERE smoker="Yes" AND children=0
```