Exercise

Database: insurance

Queries

1. Count for each categories of 'region
2. Find 50 records of highest 'age' and export data/table to desktop
3. Add index name *'quick'* on 'id'
4. Describe the schema of table
5. Create view name as 'gender' where users can not see 'sex' [Hint: first run appropriate query then create view]
6. Rename the view as 'type'
7. Count how many are 'northwest' insurance holders
8. Count how many insurance holders were 'femail'
9. Create Primary key on a suitable column
10. Create a new column 'ratio' which is age multiply by bmi
11. Arrange the table from high to low according to charges
12. Find MAX of 'charges'
13. Find MIN of 'charges'
14. Find average of 'charges' of male and female
15. Make a table which should reflect information shown below:

Sex → Smoker ↓	female	male
No	xx	xx
Yes	xx	xx

16. Add new column as HL_Charges where more than average charges should be categorized as HIGH and less than average charges should be categorized as LOW
17. Change location/position of 'smoker' and bring before 'children'
18. Show top 20 records
19. Show bottom 20 records
20. Randomly select 20% of records and export to desktop
21. Remove column 'ratio'
22. Craete one example of Sub Queries involving 'bmi' and 'sex' and give explanation in the script itself with remarks by using #
23. Use LOCAL CHECK OPTION while creating a view of your choice. Explain the characteristics of this type of view in your script using #
24. Use CASCADED CHECK OPTION while creating a view of your choice. Explain the characteristics of this type of view in your script using #
25. Mail the script to your trainer today befor 5 pm