Exercise

Database: cereals

Queries

1. Add index name *fast* on name

2. Describe the schema of table

3. Create view name as see where users can not see type column [first run appropriate query then create view]

4. Rename the view as saw

5. Count how many are cold cereals

6. Count how many cereals are kept in shelf 3

7. Arrange the table from high to low according to ratings

8. Suggest some column/s which can be Primary key

9. Find average of calories of hot cereal and cold cereal in one query

10. Add new column as HL\_Calories where more than average calories should be categorized as HIGH and less than average calories should be categorized as LOW

11. List only those cereals whose name begins with B

12. List only those cereals whose name begins with F

13. List only those cereals whose name ends with s

14. Select only those records which are HIGH in column HL\_calories .

15. Find maximum of ratings

16. Find average ratings of those were High and Low calories

17. Craete two examples of Sub Queries of your choice and give explanation in the script itself with remarks by using #

18. Remove column fat

19. Count records for each manufacturer [mfr]

20. Select name, calories and ratings only