Question 1-) Team Member's Names

Hasan Arcas
Alperen Ayyıldız
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Question 2-)

-The name of our project is Coffee we pick this topic because we wanted to do a project about a topic that we are interested in, as computer science students we are really into coffee :)

-There is 1 file: Coffe_dataset.csv

-The file contains 1340 rows and 41 columns

- 16 columns

- https://www.kaggle.com/volpatto/coffee-quality-database-from-cqi
- https://bitbucket.org/U180709026/dblab2021/src/master/finalProject/erDiagram.mwb

-**Question 3-)**

-Coffees that have minimum 8 points for "aroma".

-Number of coffee which specie is "Robusta".

-Average "totalPoints" for "Robusta" coffee.

-Coffees that are "Arabica" and have minimum 9 points for "CleanCup".

-Coffees that are "green" and have minimum 2 "Category One Defects".

-"Robusta" coffees that have minimum 8 and maximum 9 points for "Flavor".

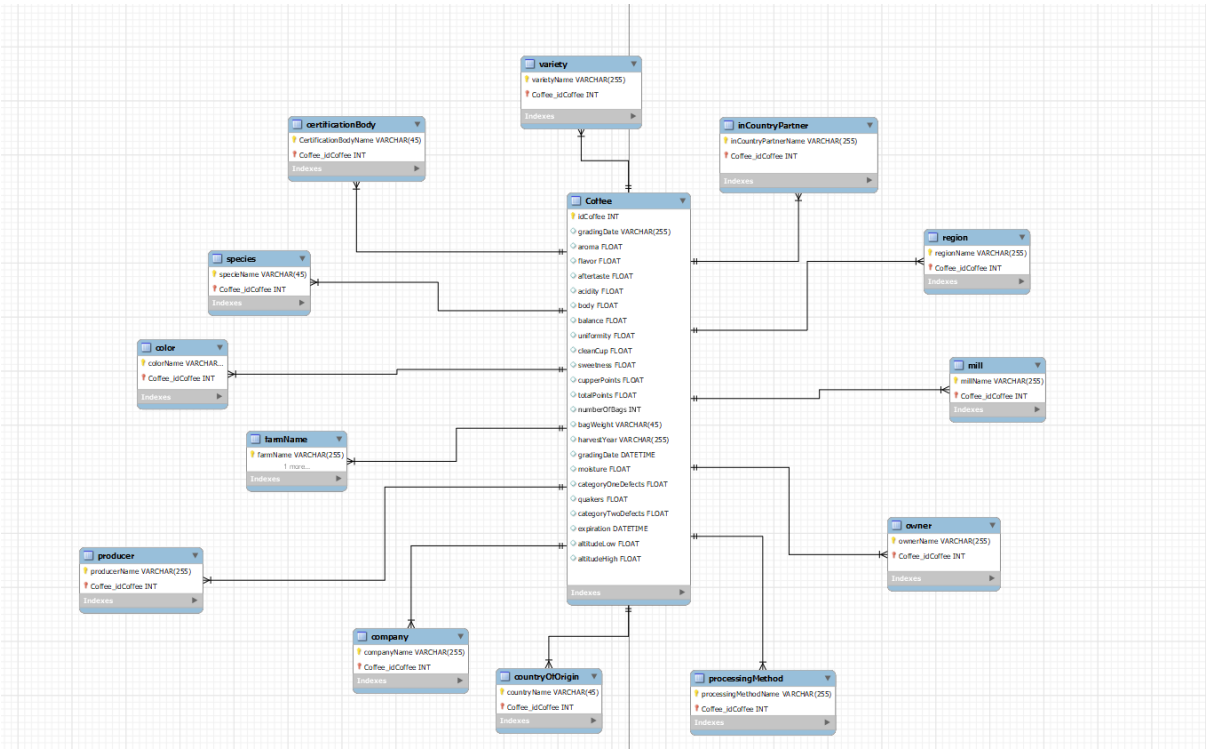
-Worst 10 coffees that have minimum 7 points for "Body" and minimum 8 points for "Balance".

-Coffees that are from "Ethiopia" and expire after 2012.

-Coffees which owner is "afca" and are from "Malawi" that have maximum 0.12 points for "Moisture" and minimum 7 points for "Aftertaste"

-"Arabica" coffees that have minimum 7.50 points for "Flavor", maximum 9 points for "Aroma" and minimum 8 points for "Acidity".

Question 4-)



Question 5-)

1) select *
   from coffee
   where aroma > 8;

2) select COUNT(idCoffee), speciesName
   from coffee join species on coffee.idCoffee = species.Coffe_idCoffee
   GROUP BY speciesName;

3)select AVG(totalPoints) as avarage_total_points
  from coffee join species on coffee.idCoffee = species.Coffe_idCoffee
  where speciesName = “Robusta”;

4)select *
  from coffee join species on coffee.idCoffee = species.Coffe_idCoffee
  where speciesName = “Arabica” and cleanCup > 9;

5)select *
  from coffee join color on coffee.idCoffee = color.Coffe_idCoffee
  where colorName = “Green” and categoryOneDefect > 2

Question 6-)

We are going to load the data by using the EER diagram, by clicking the table and going to the “insert” section and selecting “import records from an external file”

Question 7-)

Yes, we are going to implement a UI.

Question 8-)

We are going to implement the database on MySQL Workbench 8.0 CE on my personal computer intel core i7 16GB of memory.