**8) Write SQL queries on the below database table that return:  
a) All the temperature data.  
b) All the cities, but without repetition.  
c) All the records for India.  
d) All the Fall records.**

**e) The city, country, and season for which the average rainfall is between 200  
and 400 millimeters.  
f) The city and country for which the average Fall temperature is above 20  
degrees, in increasing temperature order.  
g) The total annual rainfall for Cairo.  
h) The total rainfall for each season.**

1. All the temperature data:

**SELECT Temperature**

**FROM weather;**

**OUTPUT:**

A black screen with a black background

Description automatically generated

2. All the cities, but without repetition:

**SELECT DISTINCT City**

**FROM weather;**

**OUTPUT:**

**A black screen with a black background

Description automatically generated**

3. All the records for India:

**SELECT \***

**FROM weather**

**WHERE Country = 'India';**

**OUTPUT:**

**A screen shot of a black background

Description automatically generated**

**4.** All the Fall records:

**SELECT \***

**FROM weather**

**WHERE Season = 'Fall';**

**OUTPUT:**

**A screen shot of a black screen

Description automatically generated**

**5.** The city, country, and season for which the average rainfall is between 200 and 400 millimeters

**SELECT City, Country, Season**

**FROM weather**

**GROUP BY City, Country, Season**

**HAVING AVG(Rainfall) BETWEEN 200 AND 400;**

**OUTPUT:**

**A black background with white text

Description automatically generated**

**6.** The city and country for which the average Fall temperature is above 20 degrees, in increasing temperature order:

**SELECT City, Country**

**FROM weather**

**WHERE Season = 'Fall'**

**GROUP BY City, Country**

**HAVING AVG(Temperature) > 20**

**ORDER BY AVG(Temperature) ASC;**

**OUTPUT:**

**A black screen with a black border

Description automatically generated**

**7.** The total annual rainfall for Cairo:

**SELECT SUM(Rainfall) AS TotalRainfall**

**FROM weather**

**WHERE City = 'Cairo';**

**OUTPUT:**

**A black screen with a black background

Description automatically generated**

**8.** The total rainfall for each season:

**SELECT Season, SUM(Rainfall) AS TotalRainfall**

**FROM weather**

**GROUP BY Season;**

**OUTPUT:**

**A black screen with a black background

Description automatically generated**