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**World Database Queries Part 2**

The following query selects those continents that have countries in which more than 50% of the population speak English.

**SELECT DISTINCT Continent**

**FROM Country**

**WHERE Code IN**

**(SELECT CountryCode**

**FROM CountryLanguage**

**WHERE Language='English'**

**AND Percentage>50)**

**;**

The following statement uses a non-correlated subquery to find the South American country with the smallest population:

**SELECT \* FROM Country**

**WHERE Continent = 'South America'**

**AND Population =**

**(SELECT MIN(Population) FROM Country**

**WHERE Continent = 'South America')**

**;**

1. Rewrite the above statement to use a correlated subquery.Graphical user interface, text, application

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2. Explain what the following statement does?

This statement returns the country with the highest population within a continent.

**SELECT Continent, Name**

**FROM Country c1**

**WHERE Population >= ALL (SELECT Population**

**FROM Country c2**

**WHERE c1.Continent=c2.Continent**

**);**

1. What is the effect of executing the following query? (Compare to the previous exercise.)

This statement returns countries that have a larger surface area than the average surface area for a country within a specific continent.

**SELECT Continent, Name**

**FROM Country**

**WHERE SurfaceArea > ANY**

**(SELECT AVG(SurfaceArea)**

**FROM Country**

**GROUP BY Continent**

**);**

1. How would you use a subquery to write a SELECT statement that answers the following question: What is the largest country (in terms of surface area) on each continent? Output the continent name, country and surface area columns.Graphical user interface, text, application

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2. How would you use IN and a subquery to write a SELECT statement that answers the following question: What languages are spoken in countries where the form of government is a monarchy? Sort the languages lexically.Graphical user interface, text, application

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3. How would you use EXISTS and a subquery to write a SELECT statement that answers the following question: In what countries are people that speak German found? Include country code and country. Order the country names lexically.Graphical user interface, text, application, email

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