1)

SELECT Country.Name,COUNT(\*)

FROM Country INNER JOIN city

ON Country.code=city.countrycode

GROUP BY Country.Name

SORT BY COUNT(\*) DESC;

2)

SELECT Country.Name

FROM Country INNER JOIN city

ON Country.code=city.countrycode

Where city.name LIKE ‘z%’;

3)

SELECT Country.Name,MIN(city.population), MAX(city.population), AVG(city.population)

FROM Country INNER JOIN city

ON Country.code=city.countrycode

GROUP BY Country.Name

4)

SELECT Country.Name

FROM Country

Where Country.Name!=‘Poland’ AND Country.IndepYear = …;

5)

SELECT Country.Name

FROM Country

Where Country.IndepYear=2016;

6)

SELECT countrylanguage.Language

FROM Country INNER JOIN countrylanguage

WHERE Country.Capital IS NULL;

7)

SELECT Country.Name

FROM Country

Where Country.LifeExpectency > …;

8)

SELECT Country.Name,countrylanguage.Language

FROM Country INNER JOIN countrylanguage

ON Country.code= countrylanguage.CountryCode

ORDER BY Country.Name

9)

SELECT Country.Name

FROM Country

Where Country.Name!=‘New Zealand’ AND ….;

10)

SELECT city.name,MAX(city.population)

FROM Country INNER JOIN city

ON Country.code=city.countrycode

GROUP BY Country.Name

-------------

3)

select country.Name, min(city.Population), max(city.Population), avg(city.Population) from country inner join city on country.Code=city.CountryCode group by country.Name;

4)

select country.Name from country where country.Name<>'Poland' and country.IndepYear in (select country.IndepYear from country where country.Name='Poland');

6) select countrylanguage.Language from country inner join countrylanguage on country.Code=countrylanguage.CountryCode where country.Capital is null;

-----

7) SELECT Name AS Country\_Name, LifeExpectancy AS Country\_LifeExpectancy FROM country WHERE LifeExpectancy > (SELECT LifeExpectancy FROM country WHERE Name='India');

2) SELECT DISTINCT country.Name AS Country\_Name FROM country INNER JOIN city ON country.Code=city.CountryCode WHERE city.Name IN (SELECT Name FROM city WHERE Name LIKE 'Z%');

8)

SELECT country.Name AS Country\_Name, countrylanguage.Language AS Country\_Language FROM country INNER JOIN countrylanguage ON country.Code=countrylanguage.CountryCode WHERE countrylanguage.Language IS NOT NULL;

1. SELECT country.Name AS Country\_Name, count(country.Name) AS Number\_Of\_Cities FROM country INNER JOIN city ON country.Code=city.CountryCode GROUP BY country.Name ORDER BY Number\_Of\_Cities DESC;

5) SELECT Name AS Country\_Name FROM country WHERE IndepYear IN (SELECT MAX(IndepYear) FROM country) OR IndepYear IN (SELECT MIN(IndepYear) FROM country);

10)

SELECT country.Name AS Country\_Name, city.Name AS City\_Name, max(city.Population) AS City\_Population FROM country INNER JOIN city ON country.Code=city.CountryCode GROUP BY country.Name, city.Name;

9)SELECT Name AS Country\_Name FROM country WHERE Name <> 'New Zealand' AND Code IN (SELECT DISTINCT CL\_A.CountryCode FROM countrylanguage AS CL\_A, countrylanguage AS CL\_B WHERE CL\_A.Language IN (SELECT DISTINCT Language FROM countrylanguage WHERE CountryCode = (SELECT DISTINCT Code FROM country WHERE Name ='New Zealand')) AND CL\_B.Language IN (SELECT DISTINCT Language FROM CountryLanguage WHERE CountryCode = (SELECT DISTINCT Code FROM country WHERE Name = 'New Zealand')) AND CL\_A.CountryCode = CL\_B.CountryCode AND CL\_A.Language <> CL\_B.Language);

3)

SELECT country.Name AS Country\_Name, min(city.Population) AS Min\_City\_Population, max(city.Population) AS Max\_City\_Population, avg(city.Population) AS Avg\_City\_Population FROM country INNER JOIN city ON country.Code=city.CountryCode GROUP BY country.Name;

4)

SELECT country.Name AS Country\_Name FROM country WHERE country.Name<>'Poland' AND country.IndepYear IN (SELECT country.IndepYear FROM country WHERE country.Name='Poland');

6) SELECT countrylanguage.Language AS Country\_Language FROM country INNER JOIN countrylanguage ON country.Code=countrylanguage.CountryCode WHERE country.Capital IS NULL;