0 SELECT basics

1.

SELECT population FROM world

WHERE name = 'Germany'

2.

SELECT name, population FROM world

WHERE name IN ('Sweden','Norway','Denmark');

3.

SELECT name, area FROM world

WHERE area BETWEEN 200000 AND 250000

1 SELECT name

1.

SELECT name FROM world

WHERE name LIKE 'Y%'

2.

SELECT name FROM world

WHERE name LIKE '%y'

3.

SELECT name FROM world

WHERE name LIKE '%x%'

4.

SELECT name FROM world

WHERE name LIKE '%land'

5.

SELECT name FROM world

WHERE name LIKE 'C%ia'

6.

SELECT name FROM world

WHERE name LIKE '%oo%'

7.

SELECT name FROM world

WHERE name LIKE '%a%a%a%'

8.

SELECT name FROM world

WHERE name LIKE '\_t%'

ORDER BY name

9.

SELECT name FROM world

WHERE name LIKE '%o\_\_o%'

10.

SELECT name FROM world

WHERE name LIKE '\_\_\_\_'

11.

SELECT name

FROM world

WHERE name LIKE capital

12.

SELECT name

FROM world

WHERE capital LIKE concat(name, ' City')

13.

SELECT capital, name

FROM world

WHERE capital LIKE concat('%', name, '%')

14.

SELECT capital, name

FROM world

WHERE capital LIKE concat(name, '\_%')

15.

SELECT name, REPLACE(capital, name,'')

FROM world

WHERE capital LIKE concat(name, '\_%')

2 SELECT from World

1.

SELECT name, continent, population FROM world

2.

SELECT name

FROM world

WHERE population > 200000000

3.

SELECT name, gdp/population

FROM world

WHERE population>200000000

4.

SELECT name, population/1000000

FROM world

WHERE continent LIKE 'South America'

5.

SELECT name, population

FROM world

WHERE name IN ('France','Germany', 'Italy')

6.

SELECT name

FROM world

WHERE name LIKE '%United%'

7.

SELECT name, population, area

FROM world

WHERE area>3000000 OR population>250000000

8.

SELECT name, population, area

FROM world

WHERE area>3000000 AND population<250000000 OR population>250000000 AND area<3000000

9.

SELECT name, ROUND(population/1000000,2), ROUND(gdp/1000000000,2)

FROM world

WHERE continent LIKE 'South America'

10.

SELECT name, ROUND(gdp/population,-3)

FROM world

WHERE gdp>1000000000000

11.

SELECT name, capital

FROM world

WHERE LEN(name)=LEN(capital)

12.

SELECT name, capital

FROM world

WHERE LEFT(name,1)=LEFT(capital,1) and name<>capital

13.

SELECT name

FROM world

WHERE name LIKE '%a%' AND name LIKE '%e%' AND name LIKE '%i%' AND name LIKE '%o%' AND name LIKE '%u%'

AND name NOT LIKE '% %'

3 SELECT from Nobel

1.

SELECT yr, subject, winner

FROM nobel

WHERE yr = 1950

2.

SELECT winner

FROM nobel

WHERE yr = 1962

AND subject = 'Literature'

3.

SELECT yr, subject

FROM nobel

WHERE winner = 'Albert Einstein'

4.

SELECT winner

FROM nobel

WHERE yr>=2000 AND subject='Peace'

5.

SELECT yr, subject,winner

FROM nobel

WHERE yr>=1980 AND yr<=1989 AND subject='Literature'

6.

SELECT \* FROM nobel

WHERE winner IN ('Theodore Roosevelt','Woodrow Wilson','Jimmy Carter','Barack Obama')

7.

SELECT winner FROM nobel

WHERE winner LIKE 'John%'

8.

SELECT \* FROM nobel

WHERE subject='Physics' AND yr=1980 OR subject='Chemistry' AND yr=1984

9.

SELECT \* FROM nobel

WHERE yr=1980 AND subject NOT LIKE 'Chemistry' AND subject NOT LIKE 'Medicine'

10.

SELECT \* FROM nobel

WHERE yr<1910 AND subject LIKE 'Medicine' OR yr>=2004 AND subject LIKE 'Literature'

11.

SELECT \* FROM nobel

WHERE winner LIKE 'Peter Gr\_nberg'

12.

SELECT \* FROM nobel

WHERE winner LIKE 'Eugene O\_neill'

13.

SELECT winner, yr, subject FROM nobel

WHERE winner LIKE 'Sir%'

ORDER BY yr DESC, winner

14.

SELECT winner, subject

FROM nobel

WHERE yr=1984

ORDER BY

CASE WHEN subject IN ('Chemistry','Physics') THEN 1 ELSE 0 END, subject, winner