1. African Cities

select city.name from city

inner join country on city.CountryCode = country.Code

where country.continent = 'Africa';

2.Average Population of Each Continent

select country.continent, round(avg(City.Population)-0.5) from country

inner join city on country.code = city.countrycode

group by country.continent;

3.Higher Than 75 Marks

Select Name from STUDENTS where Marks > 75 ORDER BY RIGHT(Name,3),ID ;

4.Japanese Cities' Names

select name from city where countrycode = 'JPN'

5.Japanese Cities' Attributes

select * from city where countrycode = 'JPN'

6.Japan Population

select sum(population) from city where countrycode = 'JPN'

7.Employee Names

select name from employee order by name

8.Employee Salaries

select name from employee where salary > 2000 and months < 10

9.Population Density Difference

select max(population) - min(population) from city

10.Revising Aggregations - The Sum Function

select sum(population) from city where district = 'california'

11. New company

SELECT c.company_code,c.founder,

count(distinct lm.lead_manager_code),

count(distinct sm.senior_manager_code),

count(distinct m.manager_code),

count(distinct e.employee_code)

FROM Company c, Lead_Manager lm, Senior_Manager sm, Manager m, Employee e

WHERE

c.company_code=lm.company_code AND

lm.lead_manager_code=sm.lead_manager_code AND

sm.senior_manager_code=m.senior_manager_code AND

m.manager_code=e.manager_code

GROUP BY c.company_code,c.founder

ORDER BY c.company_code ASC;

12.The PADS

SELECT concat(NAME,concat("(",concat(substr(OCCUPATION,1,1),")"))) FROM OCCUPATIONS ORDER BY NAME ASC;

SELECT "There are a total of ", count(OCCUPATION), concat(lower(occupation),"s.") FROM OCCUPATIONS GROUP BY OCCUPATION ORDER BY count(OCCUPATION), OCCUPATION ASC;