1) SELECT department\_id

FROM tblemployees

MINUS

SELECT department\_id

FROM tblemployees

WHERE job\_id = ' S\_CLERK ';

2) SELECT country\_id, country\_name

FROM tblcountries

WHERE country\_id in (SELECT distinct(country\_id)

FROM tblcountries

MINUS

SELECT country\_id

FROM tbllocations

WHERE location\_id IN (SELECT tbldepartments.location\_id

FROM tbldepartments

WHERE tbldepartments.department\_id is null));

**OR**

SELECT country\_id,country\_name

FROM tblcountries

WHERE country\_id in (SELECT tblcountries.country\_id

FROM tblcountries

INNER JOIN tbllocations ON tblcountries.country\_id=tbllocations.country\_id

MINUS

select tbllocations.country\_id

FROM tbllocations

INNER JOIN tbldepartments ON tbldepartments.location\_id = tbllocations.location\_id

WHERE tbldepartments.department\_id is null);

**OR**

SELECT country\_id,country\_name

FROM countries

MINUS

SELECT countries.country\_id,countries.country\_name

FROM locations

INNER JOIN COUNTRIES ON locations.country\_id = countries.country\_id

INNER JOIN departments ON locations.location\_id = departments.location\_id

WHERE departments.department\_id is null;

3) select job\_id,department\_id

from tblemployees

WHERE job\_id IN (SELECT tbljobs.job\_id

from tbljobs

INNER JOIN tblemployees ON tbljobs.job\_id=tblemployees.job\_id

minus

select tblemployees.job\_id

from tbldepartments

INNER JOIN tblemployees on tblemployees.department\_id=tbldepartments.department\_id

where tbldepartments.department\_id in (10,50,20));

**OR**

SELECT distinct job\_id,department\_id

FROM employees

WHERE department\_id=10

union all

SELECT distinct job\_id,department\_id

FROM employees

WHERE department\_id=50

union ALL

SELECT distinct job\_id,department\_id

FROM employees

WHERE department\_id=20;

4) SELECT JOB\_ID

FROM employees

INTERSECT

SELECT JOB\_ID

FROM job\_history;

5) SELECT last\_name , department\_id

FROM employees

UNION ALL

SELECT last\_name , department\_id

FROM employees;