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1. SELECT department_name, location_id,  
CASE  
WHEN location_id = 1700 THEN 'Washington'  
WHEN location_id = 1400 THEN 'Texas'  
WHEN location_id = 1500 THEN 'California'  
WHEN location_id = 2500 THEN 'California'  
WHEN location_id = 1800 THEN 'Ontario'  
WHEN location_id = 2400 THEN 'Other'  
WHEN location_id = 2700 THEN 'Bavaria'  
END AS State  
FROM HR.DEPARTMENTS;
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2. SELECT COUNT (location_id), country_id  
FROM HR.LOCATIONS  
GROUP BY country_id  
ORDER BY COUNT (location_id) DESC;
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3. SELECT COUNT (location_id), country_id  
FROM HR.LOCATIONS  
GROUP BY country_id  
HAVING COUNT (location_id) > 2;
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4. SELECT HR.LOCATIONS. street_address, HR.LOCATIONS. STATE_PROVINCE,  
HR.COUNTRIES. country_name  
FROM HR.LOCATIONS  
FULL JOIN HR.COUNTRIES  
ON HR.LOCATIONS. country_id = HR.COUNTRIES. country_id  
ORDER BY country_name;
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5. SELECT COUNT (hr.locations. street_address), hr.countries. country_name  
FROM hr.locations  
JOIN hr.countries  
ON hr.locations. country_id = hr.countries. country_id  
GROUP BY hr.countries. country_name;
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6. SELECT hr.locations. state_province, hr.countries. country_name, hr.regions. region_name  
FROM hr.locations  
FULL JOIN hr.countries ON hr.locations. country_id = hr.countries. country_id  
FULL JOIN hr.regions ON hr.countries. region_id = hr.regions. region_id;
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7. SELECT COUNT (hr.locations. street_address), COUNT (hr.countries. country_name),
hr.regions. region_name
FROM hr.locations
JOIN hr.countries ON hr.locations. country_id = hr.countries. country_id
JOIN hr.regions ON hr.countries. region_id = hr.regions. region_id
GROUP BY hr.regions. region_name;

8. SELECT COUNT (hr.locations. street_address) AS Number1, COUNT (hr.countries.
country_name) AS Number2, hr.regions. region_name AS Number3
FROM hr.locations
JOIN hr.countries ON hr.locations. country_id = hr.countries. country_id
JOIN hr.regions ON hr.countries. region_id = hr.regions. region_id
GROUP BY hr.regions. region_name;

9. SELECT COUNT (hr.locations. street_address), COUNT (hr.countries. country_name),
hr.regions. region_name
FROM hr.locations
JOIN hr.countries ON hr.locations. country_id = hr.countries. country_id
JOIN hr.regions ON hr.countries. region_id = hr.regions. region_id
GROUP BY hr.regions. region_name
HAVING COUNT (hr.countries. country_name) > 6;

10. SELECT COUNT (hr.locations. street_address) AS Column1, COUNT (hr.countries.
country_name) AS Column2, hr.regions. region_name AS Column3
FROM hr.locations
JOIN hr.countries ON hr.locations. country_id = hr.countries. country_id
JOIN hr.regions ON hr.countries. region_id = hr.regions. region_id
GROUP BY hr.regions. region_name
HAVING COUNT (hr.countries. country_name) > 6;