SQL ÖDEVİ 2 - İSMAİL BERKEHAN GÖKDEMİR

Sorular & Cevaplar

Soru 1) hr_locations tablosu ile hr_countries ve hr_regions tablolarını joinleyerek ekrana location_id, city, state_province, country_name, region_name kolonlarını yansıtınız.

Cevap 1)

```
Sorgu:
```

```
SELECT to_char(hr.hr_locations.location_id, '0.000') AS location_id ,
hr.hr_locations.city,
hr.hr_locations.state_province,
hr.hr_countries.country_name, hr.hr_regions.region_name
FROM hr.hr_locations
LEFT JOIN hr.hr_countries ON hr.hr_locations.country_id = hr.hr_countries.country_id
LEFT JOIN hr.hr_regions ON hr.hr_countries.region_id = hr.hr_regions.region_id
```

Çıktı:



Soru 2) hr_locations tablosundaki state_province alanındaki null olan dataların employee_id, full_name, street_address ve city bilgilerini ekrana getiriniz. (Departman id'si NULL'dan farklı olan datalar için geçerlidir.)

Cevap 2)

Sorgu:

```
SELECT
```

```
hr.hr_employees.employee_id,
hr.hr_employees.first_name || ' ' || hr.hr_employees.last_name AS full_name,
hr.hr_locations.street_address,
hr.hr_locations.city
```

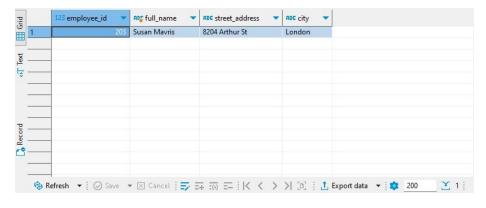
FROM hr.hr_locations

JOIN hr.hr_departments ON hr.hr_locations.location_id = hr.hr_departments.location_id

JOIN hr.hr_employees ON hr.hr_departments.department_id = hr.hr_employees.department_id

WHERE hr.hr_locations.state_province IS NULL AND hr.hr_departments.department_id IS NOT NULL

Çıktı:



Soru 3) hr_departments tablosu manager_id null'dan farklı department_id'ler ile hr_employees tablosu department_id'si null'dan farklı department_id'leri tekrar etmeyecek şekilde ekranda gösteriniz. Departman id'leri artan şekilde sıralayınız. (Tek query ile yapılmalıdır.)

Cevap 3)

Sorgu:

SELECT DISTINCT hr.hr_departments.department_id

FROM hr.hr_departments

JOIN hr.hr_employees ON hr.hr_employees.department_id = hr.hr_departments.department_id
WHERE

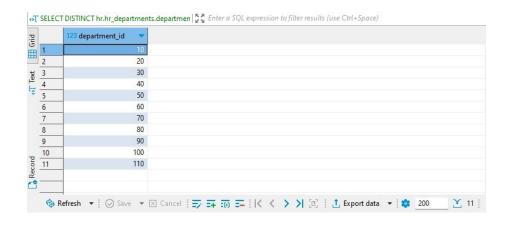
(hr.hr_employees.department_id IS NOT NULL)

AND

(hr.hr_departments.department_id IS NOT NULL)

ORDER BY hr.hr_departments.department_id

Çıktı:



Soru 4) hr.hr_departments tablosunda, Finance ve Marketing alanında çalışan çalışanların ortalama ücreti ne kadardır? (Virgülden sonra yalnızca 3 basamak alınız.)

Cevap 4)

Sorgu:

SELECT AVG(hr.hr_employees.salary)::numeric(10, 3) AS ort_ucret
FROM hr.hr_departments

JOIN hr.hr_employees ON hr.hr_departments.department_id = hr.hr_employees.department_id
WHERE hr.hr_departments.department_name IN ('Finance', 'Marketing')

Çıktı:

