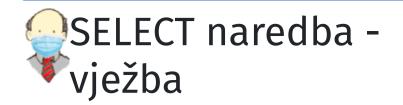
6/16/2021 Tutorial



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12/12: Zadatak 12 - korelirani podupit u uvjetu selekcije

Baza podataka sadrži podatke o zračnim lukama (**zrLuka**) avionskim letovima (**let**), osobama koje kupuju avionske karte (**osoba**) i lete na letovima kao putnici (**putnik**).

zrLuka			let				
<u>sifZrLuka</u> INTEGER	nazivZrLuka VARCHAR(250)	kmDoGrada INTEGER	sifLet INTEGER	sifZrLukaOd INTEGER	sifZrLukaDo INTEGER	datVrijPolazak TIMESTAMP	trajanjeLet INTERVAL
100	Zračna luka Split	25	300	100	102	04.03.2019 08:30:00	02:35:00
101	Charles de Gaule	23	301	102	100	05.03.2019 21:15:00	02:50:00
102	Heathrow	23	350	100	102	16.07.2018 08:30:00	02:35:00
•••		•••	•••				•••

putnik

sifOsoba INTEGER	prezime VARCHAR(30)	ime VARCHAR(30)	datumRod DATE
100	Han	Ana	01.5.2000
101	Kos	Filip	20.8.1995
	•••	•••	

<u>sifLet</u> INTEGER	sifOsoba INTEGER	sjedalo VARCHAR(5)	cijenaKarta NUMERIC(7,2)	pristojbaZL NUMERIC(7,2)	nagMilje INTEGER
300	100	2A	1570.50	950.99	500
300	101	23C	1470.50	950.99	520
•••	•••	•••	•••	•••	

Ispisati podatke o osobama koje su barem jednom u zadnjih 5 godina bile na aerodromu 'Heathrow' i u zadnjih 5 godina nisu bile na aerodromu 'Charles de Gaule'.

Izgled rezultata:

osoba

sifosoba	prezime	ime	datumrod
458	Beg	Ema	21.12.1976
	•••	•••	•••

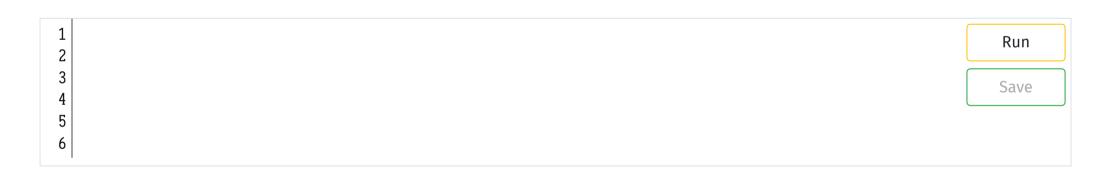
rješenje

```
SET DateStyle ='German';
SELECT DISTINCT osoba.*
 FROM let
  JOIN putnik
                       ON putnik.sifLet = let.sifLet
                       ON putnik.sifOsoba = osoba.sifOsoba
  JOIN osoba
 JOIN zrLuka zrLukaOd ON zrLukaOd.sifzrLuka = let.sifzrLukaOd
 JOIN zrLuka zrLukaDo ON zrLukaDo.sifzrLuka = let.sifzrLukaDo
 WHERE datVrijPolazak BETWEEN CURRENT_DATE - '5 YEARS'::INTERVAL
                          AND CURRENT_DATE
   AND (zrLukaOd.nazivZrLuka = 'Heathrow' OR
         zrLukaDo.nazivZrLuka = 'Heathrow')
   AND NOT EXISTS (SELECT DISTINCT putnik.sif0soba
                    FROM let
                      JOIN putnik On putnik.sifLet = let.sifLet
                     JOIN zrLuka zrLukaOd On zrLukaOd.sifzrLuka = let.sifzrLukaOd
                     JOIN zrLuka zrLukaDo On zrLukaDo.sifzrLuka = let.sifzrLukaDo
                     WHERE datVrijPolazak BETWEEN
                              CURRENT_DATE - '5 YEARS'::INTERVAL AND CURRENT_DATE
                       AND (zrLukaOd.nazivZrLuka = 'Charles de Gaule' OR
                        zrLukaDo.nazivZrLuka = 'Charles de Gaule')
              AND putnik.sif0soba = osoba.sif0soba)
```

Question

<u>Playground</u>

Riješite gornji zadatak bez korištenja podupita, pomoću operacije razlike (EXCEPT).



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