
SQL - vježba

Priloženom skriptom možete kreirati tablice (sa sadržajem) koje se koriste u ovim vježbama

Pri rješavanju zadataka koristiti sljedeći model

airPort

airPortId INTEGER	airPortName VARCHAR(30)	kmToTheCity INTEGER
100	Zračna luka Split	25
101	Charles de Gaule	23
102	Heathrow	23
103	JFK Airport	21
104	Schönefeld Airport	17

flight

flightId INTEGER	airPortFromId INTEGER	airPortToId INTEGER	departureTS TIMESTAMP	flightDuration INTERVAL
300	100	102	04.03.2022 08:30:00	02:35:00
301	102	100	05.03.2021 21:15:00	02:50:00
350	100	102	16.07.2021 08:30:00	02:35:00
351	102	100	17.07.2021 21:15:00	02:50:00
400	100	101	07.08.2021 11:20:00	02:05:00
...

person

personId INTEGER	LName VARCHAR(30)	FName VARCHAR(30)	birthDate DATE
100	Han	Ana	01.05.2000
101	Kos	Filip	20.08.1995
457	Car	Pero	11.03.1980
458	Beg	Ema	21.12.1976

passenger

flightId INTEGER	personId INTEGER	seat VARCHAR(5)	ticketPrice NUMERIC(7,2)	airPortFee NUMERIC(7,2)	rewardMiles INTEGER
300	100	2A	1570.50	950.99	500
300	101	23C	1470.50	950.99	520
300	457	12D	1000.20	950.99	480
301	100	14F	1770.70	850.99	400
...

SQL – vježba 1

airPort

airPortId	airPortName	kmToTheCity
INTEGER	VARCHAR(30)	INTEGER
100	Zračna luka Split	12

person

personId	LName	FName	birthDate
INTEGER	VARCHAR(30)	VARCHAR(30)	DATE
100	Han	Ana	01.05.2000

flight

flightId	airPortFromId	airPortToId	departureTS	flightDuration
INTEGER	INTEGER	INTEGER	TIMESTAMP	INTERVAL
300	100	102	04.03.2022 08:30:00	02:35:00

passenger

flightId	personId	seat	ticketPrice	airPortFee	rewardMiles
INTEGER	INTEGER	VARCHAR(5)	NUMERIC(7,2)	NUMERIC(7,2)	INTEGER
300	100	2A	1570.50	950.99	500

Za putnike koji su ili će tek letjeti u tekućoj godini ispisati prezime, ime, datum rođenja, rođendan tekuće godine (birthDayCY), današnji datum i broj dana od današnjeg datuma do rođendana tekuće godine (untilBirthDay).

Rezultat :

LName	FName	birthDate	birthDateCY	TODAY	untilBirthDay
character varying (30)	character varying (30)	DATE	DATE		INTERVAL
Car	Pero	11.03.1980	11.03.2022	22.03.2022	-11 days
Han	Ana	01.05.2000	01.05.2022	22.03.2022	40 days
Kos	Filip	20.08.1995	20.08.2022	22.03.2022	151 days

SQL – vježba 1

Za putnike koji su ili će tek letjeti u tekućoj godini ispisati prezime, ime, datum rođenja, rođendan tekuće godine (birthDayCY), današnji datum i broj dana od današnjeg datuma do rođendana tekuće godine (untilBirthDay).

```
SET DateStyle = 'German';
SELECT DISTINCT LName, FName, birthDate,
    (birthDate +
        (EXTRACT (YEAR FROM CURRENT_DATE) -
            EXTRACT (YEAR FROM birthDate)) * '1 YEAR'::INTERVAL)::DATE birthDayCY,
    current_date TODAY,
    -(CURRENT_DATE - (birthDate+ (EXTRACT (YEAR FROM CURRENT_DATE) -
        EXTRACT (YEAR FROM birthDate)) *
            '1 year'::INTERVAL)::DATE) * '1
DAY'::INTERVAL untilBirthDay
FROM person
NATURAL JOIN passenger
NATURAL JOIN flight
WHERE EXTRACT (YEAR FROM CURRENT_DATE) = EXTRACT (YEAR FROM departureTS)
```

Rezultat:

LName character varying (30)	FName character varying (30)	birthDate DATE	birthDateCY DATE	TODAY	untilBirthDay INTERVAL
Car	Pero	11.03.1980	11.03.1980	22.03.2022	-11 days
Han	Ana	01.05.2000	01.05.2000	22.03.2022	40 days
Kos	Filip	20.08.1995	20.08.1995	22.03.2022	151 days

SQL – vježba 2

airPort

airPortId	airPortName	kmToTheCity
INTEGER	VARCHAR(30)	INTEGER
100	Zračna luka Split	12

person

personId	LName	FName	birthDate
INTEGER	VARCHAR(30)	VARCHAR(30)	DATE
100	Han	Ana	01.05.2000

flight

flightId	airPortFromId	airPortToId	departureTS	flightDuration
INTEGER	INTEGER	INTEGER	TIMESTAMP	INTERVAL
300	100	102	04.03.2022 08:30:00	02:35:00

passenger

flightId	personId	seat	ticketPrice	airPortFee	rewardMiles
INTEGER	INTEGER	VARCHAR(5)	NUMERIC(7,2)	NUMERIC(7,2)	INTEGER
300	100	2A	1570.50	950.99	500

Za letove kojima je polazišna zračna luka Zračna luka Split (airPortFromId = 100) s polaskom barem 10 dana nakon današnjeg dana između 8 i 20 sati ispisati naziv odredišne zračne luke, datum i vrijeme polaska te datum i vrijeme dolaska na odredište.

Rezultat :

airPortName	departureTS	arrivalTS
character varying (30)	TIMESTAMP	TIMESTAMP
Heathrow	15.05.2022 09:20:0	15.05.2022 11:35:00
Charles de Gaulle	14.08.2022 12:30:00	14.08.2022 14:25:00
Schönefeld Airport	16.04.2022 10:30:00	16.04.2022 12:05:00
Schönefeld Airport	12.05.2022 19:55:00	12.05.2022 21:45:00

SQL – vježba 2

Za letove kojima je polazišna zračna luka Zračna luka Split (airPortFromId = 100) s polaskom barem 10 dana nakon današnjeg dana između 8 i 20 sati ispisati naziv odredišne zračne luke, datum i vrijeme polaska te datum i vrijeme dolaska na odredište.

```
SET DateStyle = 'German';
SELECT airPortName, departureTS, departureTS + flightDuration datVrijDolazak
FROM flight
JOIN airPort ON airPortToId = airPortId
WHERE airPortFromId = 100
      AND departureTS >= CURRENT_DATE + '10 DAYS'::INTERVAL
      AND departureTS::TIME >= '8 h'::INTERVAL
      AND departureTS::TIME <= '20 h'::INTERVAL
```

Rezultat :

airPortName character varying (30)	departureTS TIMESTAMP	arriwalTS TIMESTAMP
Heathrow	15.05.2022 09:20:0	15.05.2022 11:35:00
Charles de Gaule	14.08.2022 12:30:00	14.08.2022 14:25:00
Schönefeld Airport	16.04.2022 10:30:00	16.04.2022 12:05:00
Schönefeld Airport	12.05.2022 19:55:00	12.05.2022 21:45:00

SQL– vježba 3

airPort

airPortId	airPortName	kmToTheCity
INTEGER	VARCHAR(30)	INTEGER
100	Zračna luka Split	12

person

personId	LName	FName	birthDate
INTEGER	VARCHAR(30)	VARCHAR(30)	DATE
100	Han	Ana	01.05.2000

flight

flightId	airPortFromId	airPortToId	departureTS	flightDuration
INTEGER	INTEGER	INTEGER	TIMESTAMP	INTERVAL
300	100	102	04.03.2022 08:30:00	02:35:00

passenger

flightId	personId	seat	ticketPrice	airPortFee	rewardMiles
INTEGER	INTEGER	VARCHAR(5)	NUMERIC(7,2)	NUMERIC(7,2)	INTEGER
300	100	2A	1570.50	950.99	500

Za putnike koji su sjedili na sjedalima uz prozor (označena slovima A ili F), a letjeli su (unatrag) mjesec dana od današnjeg dana, ispisati imena i prezimena, datum polaska, vrijeme polaska (odvojeno od datuma), te sjedalo na kojem su sjedili. Pored imena i prezimena putnika ispisati i inicijale. Npr. za osobu Ana Han ispisati: Ana Han, (A. H.).

Rezultat :

passenger Text	departureDate DATE	departureTS TIME without time zone	Seat Character varying(5)
Ana Han, (A. H.)	04.03.2022	08:30:00	2A
Ana Han, (A. H.)	05.03.2022	21:15:00	14F
Pero Car, (P. C.)	05.03.2022	21:15:00	11A

SQL– vježba 3

Za putnike koji su sjedili na sjedalima uz prozor (označena slovima A ili F), a letjeli su (unatrag) mjesec dana od današnjeg dana, ispisati imena i prezimena, datum polaska, vrijeme polaska (odvojeno od datuma), te sjedalo na kojem su sjedili. Pored imena i prezimena putnika ispisati i inicijale. Npr. za osobu Ana Han ispisati: Ana Han, (A. H.).

```
SELECT FName || ' ' || LName || ', (' ||  
    SUBSTRING (FName FROM 1 FOR 1) || '. ' ||  
    SUBSTRING (LName FROM 1 FOR 1) || '.)' passenger,  
    departureTS::DATE departureDate,  
    departureTS::TIME(0) departureTime,  
    seat  
FROM person  
NATURAL JOIN passenger  
NATURAL JOIN flight  
WHERE (seat LIKE '%A' OR seat LIKE '%F')  
    AND departureTS BETWEEN CURRENT_DATE - '1 MONTH'::INTERVAL AND CURRENT_DATE
```

Rezultat :

passenger Text	departureDate DATE	departureTS TIME without time zone	Seat Character varying(5)
Ana Han, (A. H.)	04.03.2022	08:30:00	2A
Ana Han, (A. H.)	05.03.2022	21:15:00	14F
Pero Car, (P. C.)	05.03.2022	21:15:00	11A

SQL– vježba 4

airPort

airPortId INTEGER	airPortName VARCHAR(30)	kmToTheCity INTEGER
100	Zračna luka Split	12

flight

flightId INTEGER	airPortFromId INTEGER	airPortToId INTEGER	departureTS TIMESTAMP	flightDuration INTERVAL
300	100	102	04.03.2022 08:30:00	02:35:00

person

personId INTEGER	LName VARCHAR(30)	FName VARCHAR(30)	birthDate DATE
100	Han	Ana	01.05.2000

passenger

flightId INTEGER	personId INTEGER	seat VARCHAR(5)	ticketPrice NUMERIC(7,2)	airPortFee NUMERIC(7,2)	rewardMiles INTEGER
300	100	2A	1570.50	950.99	500

Za letove s trajanjem duljim od 120 minuta ispisati naziv zračne luke polaska i dolaska, trajanje leta, datum i vrijeme polaska te oznaku kvartala u godini i doba dana kojem pripada datum odnosno vrijeme polaska.

Kvartal kojem pripada mjesec u godini odredite prema sljedećem pravilu:

{1, 2, 3} ∈ Q1; {4, 5, 6} ∈ Q2; {7, 8, 9} ∈ Q3; {10, 11, 12} ∈ Q4;

Doba dana odredite prema satu prema sljedećem pravilu:

‘Night’ = 0-5; ‘Morning’ = 6-9; ‘Forenoon’ = 10-12; ‘Afternoon’ = 13-17; ‘Evening’ = 18-23

Rezultat :

departure character varying (30)	arrival character varying (30)	flightDuration interval	departureTS Timestamp without time zone	quarter text	dayPart text
Zračna luka Split	Heathrow	02:35:00	04.03.2022 08:30:00	Q1	Morning
...

SQL– vježba 4

Za letove s trajanjem duljim od 120 minuta ispisati naziv zračne luke polaska i dolaska, trajanje leta, datum i vrijeme polaska te oznaku kvartala u godini i doba dana kojem pripada datum odnosno vrijeme polaska.

```
SELECT airPortFrom.airPortName departure, airPortTo.airPortName arrival, flightDuration,
departureTS,
    CASE
        WHEN EXTRACT (MONTH FROM departureTS) IN (1,2,3) THEN 'Q1'
        WHEN EXTRACT (MONTH FROM departureTS) IN (4,5,6) THEN 'Q2'
        WHEN EXTRACT (MONTH FROM departureTS) IN (7,8,9) THEN 'Q3'
        WHEN EXTRACT (MONTH FROM departureTS) IN (10,11,12) THEN 'Q4'
    END quarter,
    CASE
        WHEN departureTS::TIME BETWEEN '0:00' AND '5:59:59' THEN 'Night'
        WHEN departureTS::TIME BETWEEN '6:00' AND '9:59:59' THEN 'Morning'
        WHEN departureTS::TIME BETWEEN '10:00' AND '12:59:59' THEN 'Forenoon'
        WHEN departureTS::TIME BETWEEN '13:00' AND '17:59:59' THEN 'Afternoon'
        WHEN departureTS::TIME BETWEEN '18:00' AND '23:59:59' THEN 'Evening'
    END dayPart
FROM flight
JOIN airPort airPortFrom
    ON airPortFrom.airPortId = flight.airPortFromId
JOIN airPort airPortTo
    ON airPortTo.airPortId = flight.airPortToId
WHERE flightDuration >= '120 M'
```

Rezultat :

departure character varying (30)	arrival character varying (30)	flightDuration interval	departureTS Timestamp without time zone	quarter text	dayPart text
Zračna luka Split	Heathrow	02:35:00	04.03.2022 08:30:00	Q1	Morning
...

SQL – vježba 5

airPort

airPortId INTEGER	airPortName VARCHAR(30)	kmToTheCity INTEGER
100	Zračna luka Split	12

person

personId INTEGER	LName VARCHAR(30)	FName VARCHAR(30)	birthDate DATE
100	Han	Ana	01.05.2000

flight










flightId INTEGER	airPortFromId INTEGER	airPortToId INTEGER	departureTS TIMESTAMP	flightDuration INTERVAL
300	100	102	04.03.2022 08:30:00	02:35:00

passenger

flightId INTEGER	personId INTEGER	seat VARCHAR(5)	ticketPrice NUMERIC(7,2)	airPortFee NUMERIC(7,2)	rewardMiles INTEGER
300	100	2A	1570.50	950.99	500

Za svaki let ispisati šifru leta, naziv polazne i dolazne zračne luke, datum i vrijeme polijetanja te datum i vrijeme slijetanja, ukupan broj prodanih karata i ukupan iznos zarađen od prodanih karata. Pristojbe ne treba uzeti u obzir. Smatrati da je za svaki let evidentirana polazna i dolazna zračna luka.

Rezultat :

 flightid integer	 airportname character varying (30)	 airportname character varying (30)	 departuredate date	 departuretime time without time zone	 arrivaldate date	 arrivaltime time without time zone	 ukkarata bigint	 ukiznoskarta numeric	
1	401	Charles de Gaulle	Zračna luka Split	06.08.2021	13:05:00	06.08.2021	15:20:00	3	8572.97
2	350	Zračna luka Split	Heathrow	16.07.2021	08:30:00	16.07.2021	11:05:00	2	7181.98
3	300	Zračna luka Split	Heathrow	04.03.2022	08:30:00	04.03.2022	11:05:00	3	4041.20
4	450	Zračna luka Split	Schönefeld Airport	16.04.2022	10:30:00	16.04.2022	12:05:00	3	4179.00
5	400	Zračna luka Split	Charles de Gaulle	07.08.2021	11:20:00	07.08.2021	13:25:00	3	13281.97
6	451	Schönefeld Airport	Zračna luka Split	17.04.2022	08:30:00	17.04.2022	09:55:00	3	3700.97
7	351	Heathrow	Zračna luka Split	17.07.2021	21:15:00	18.07.2021	00:05:00	2	12381.98
8	301	Heathrow	Zračna luka Split	05.03.2022	21:15:00	06.03.2022	00:05:00	3	5332.10

SQL – vježba 5

Za svaki let ispisati šifru leta, naziv polazne i dolazne zračne luke, datum i vrijeme polijetanja te datum i vrijeme slijetanja, ukupan broj prodanih karata i ukupan iznos zarađen od prodanih karata. Pristojbe ne treba uzeti u obzir. Smatrati da je za svaki let evidentirana polazna i dolazna zračna luka.

```
SELECT flight.flightId,
       airPortFrom.airPortName,
       airPortTo.airPortName,
       departureTS::DATE departureDate,
       departureTS::TIME(0) departureTime,
       (departureTS+flight.flightDuration)::DATE arrivalDate,
       (departureTS+flight.flightDuration)::TIME(0) arrivalTime,
       COUNT(passenger.personId)      ukKarata,
       SUM(passenger.ticketPrice) ukIznosKarta
FROM flight
     JOIN airPort airPortFrom
         ON airPortFrom.airPortId = flight.airPortFromId
     JOIN airPort airPortTo
         ON airPortTo.airPortId = flight.airPortToId
     NATURAL JOIN passenger
GROUP BY flight.flightId,
       airPortFrom.airPortName,
       airPortTo.airPortName,
       departureDate, departureTime,
       arrivalDate, arrivalTime
```

SQL – vježba 6

airPort

airPortId	airPortName	kmToTheCity
INTEGER	VARCHAR(30)	INTEGER
100	Zračna luka Split	12

person

personId	LName	FName	birthDate
INTEGER	VARCHAR(30)	VARCHAR(30)	DATE
100	Han	Ana	01.05.2000

flight

flightId	airPortFromId	airPortToId	departureTS	flightDuration
INTEGER	INTEGER	INTEGER	TIMESTAMP	INTERVAL
300	100	102	04.03.2022 08:30:00	02:35:00

passenger

flightId	personId	seat	ticketPrice	airPortFee	rewardMiles
INTEGER	INTEGER	VARCHAR(5)	NUMERIC(7,2)	NUMERIC(7,2)	INTEGER
300	100	2A	1570.50	950.99	500

Ispisati šifru, ime i prezime putnika, ukupan iznos kojeg je taj putnik potrošio na avionske karte i pristojbe zračnim lukama i ukupan iznos zarađenih nagradnih milja. U obzir uzeti samo letove u srpnju i kolovozu. Ukupan zarađeni iznos zaokružiti na 1 decimalu.

Rezultat :

sifosoba	ime	prezime	ukiznos	uknagmilje
integer	character varying(30)	character varying(30)	numeric	bigint
100	Ana	Han	20697.9	1900
101	Filip	Kos	21297.9	2100
457	Pero	Car	8593.0	1100

SQL – vježba 6

Ispisati šifru, ime i prezime putnika, ukupan iznos kojeg je taj putnik potrošio na avionske karte i pristojbe zračnim lukama i ukupan iznos zarađenih nagradnih milja. U obzir uzeti samo letove u srpnju i kolovozu. Ukupan zarađeni iznos zaokružiti na 1 decimalu.

```
SELECT person .personId, FName, LName,  
       ROUND(SUM(ticketPrice+airPortFee),1) ukIznos  
       , SUM(rewardMiles) ukrewardMiles  
FROM person  
JOIN passenger USING (personId)  
JOIN let      USING (flightId)  
WHERE extract(MONTH FROM departureTS) IN (7,8)  
GROUP BY person .personId, FName, LName
```

Rezultat :

sifosoba integer	ime character varying(30)	prezime character varying(30)	ukiznos numeric	uknagmilje bigint
100	Ana	Han	20697.9	1900
101	Filip	Kos	21297.9	2100
457	Pero	Car	8593.0	1100

SQL – vježba 7

airPort

airPortId	airPortName	kmToTheCity
INTEGER	VARCHAR(30)	INTEGER
100	Zračna luka Split	12

person

personId	LName	FName	birthDate
INTEGER	VARCHAR(30)	VARCHAR(30)	DATE
100	Han	Ana	01.05.2000

flight

flightId	airPortFromId	airPortToId	departureTS	flightDuration
INTEGER	INTEGER	INTEGER	TIMESTAMP	INTERVAL
300	100	102	04.03.2022 08:30:00	02:35:00

passenger

flightId	personId	seat	ticketPrice	airPortFee	rewardMiles
INTEGER	INTEGER	VARCHAR(5)	NUMERIC(7,2)	NUMERIC(7,2)	INTEGER
300	100	2A	1570.50	950.99	500

Za zračne luke, udaljene od grada kojem gravitiraju manje od 30 km, ispisati naziv zračne luke, ukupan broj letova kojima je ona bila odredišna ili polazišna i ukupan iznos zračnih pristojbi u zadnjih 6 mjeseci. Smatrati da jednoj (od dvije) zračne luke leta pripada polovica pristojbi.

Ako iz zračne luke nije bilo letova u zadnjih pola godine ispisati za ukupan iznos pristojbi vrijednost 0.

Zapise poredati po iznosu pristojbe silazno, pa po nazivu zračne luke uzlazno.

Rezultat :

nazivzrluka	brletova	ukpristojba
character varying(30)	bigint	numeric
Heathrow	2	1351.4850000000000000
Pleso	2	1351.4850000000000000
Charles de Gaulle	0	0
JFK Airport	0	0
Schönefeld Airport	0	0

SQL – vježba 7

Za zračne luke, udaljene od grada kojem gravitiraju manje od 30 km, ispisati naziv zračne luke, ukupan broj letova kojima je ona bila odredišna ili polazišna i ukupan iznos zračnih pristojbi u zadnjih 6 mjeseci. Smatrati da jednoj (od dvije) zračne luke leta pripada polovica pristojbi.

Ako iz zračne luke nije bilo letova u zadnjih pola godine ispisati za ukupan iznos pristojbi vrijednost 0.

Zapise poredati po iznosu pristojbe silazno, pa po nazivu zračne luke uzlazno.

```
SELECT airPortName,  
       COUNT(DISTINCT let.flightId) brLetova,  
       SUM(CASE WHEN airPortFee IS NULL THEN 0  
             ELSE airPortFee/2  
           END) ukPristojba  
FROM airPort  
LEFT JOIN let ON (airPort.airPortId = let.airPortFromId OR  
                 airPort.airPortId = let.airPortToId) AND  
                 departureTS BETWEEN CURRENT_DATE - '6 MONTHS'::INTERVAL  
                               AND CURRENT_DATE  
LEFT JOIN passenger USING (flightId)  
WHERE kmToTheCity < 30  
GROUP BY airPortName  
ORDER BY ukPristojba DESC, airPortName
```

Rezultat :

nazivzrluka character varying(30)	brletova bigint	ukpristojba numeric
Heathrow	2	1351.4850000000000000
Pleso	2	1351.4850000000000000
Charles de Gaulle	0	0
JFK Airport	0	0
Schönefeld Airport	0	0

SQL – vježba 7

Je li ovo ispravno rješenje:

```
SELECT airPortName,  
       COUNT(*) brLetova,  
--ili COUNT(airPortName) brLetova,  
       SUM(CASE WHEN airPortFee IS NULL THEN 0  
              ELSE airPortFee/2  
            END) ukPristojba  
FROM airPort  
LEFT JOIN let ON (airPort.airPortId = let.airPortFromId OR  
                 airPort.airPortId = let.airPortToId) AND  
                 departureTS BETWEEN CURRENT_DATE - '6 MONTHS'::INTERVAL  
                               AND CURRENT_DATE  
  
LEFT JOIN passenger USING (flightId)  
WHERE kmToTheCity < 30  
GROUP BY airPortName  
ORDER BY ukPristojba DESC, airPortName
```

nazivzrluka character varying(30)	brletova bigint	ukpristojba numeric
Heathrow	6	1351.485000000000000000
Pleso	6	1351.485000000000000000
Charles de Gaulle	1	0
JFK Airport	1	0
Schönefeld Airport	1	0

Ne.

- COUNT(*) broji n-torke pa će u ovom slučaju imati 1 za rezultat i kada nije bilo letova iz/u tu zračnu luku.
- COUNT(airPortName) broji NOT NULL vrijednosti atributa airPortName, a on je NOT NULL bez obzira postoji li let iz/u tu zračnu luku ili ne.

SQL – vježba 8

airPort

airPortId	airPortName	kmToTheCity
INTEGER	VARCHAR(30)	INTEGER
100	Zračna luka Split	12

person

personId	LName	FName	birthDate
INTEGER	VARCHAR(30)	VARCHAR(30)	DATE
100	Han	Ana	01.05.2000

flight

flightId	airPortFromId	airPortToId	departureTS	flightDuration
INTEGER	INTEGER	INTEGER	TIMESTAMP	INTERVAL
300	100	102	04.03.2022 08:30:00	02:35:00

passenger

flightId	personId	seat	ticketPrice	airPortFee	rewardMiles
INTEGER	INTEGER	VARCHAR(5)	NUMERIC(7,2)	NUMERIC(7,2)	INTEGER
300	100	2A	1570.50	950.99	500

Napišite upit kojim bi se vidjelo bi li avio kompanija više zaradila od prodaje karata

- prema trenutnom modelu prodaje ili
- prema modelu u kojem bi letovi vikendom (subota i nedjelja) karte bile 15% jeftinije, uz pretpostavku da bi tada prodali 10% više karata

SQL – vježba 8

```
SELECT SUM(ticketPrice),  
       ROUND(SUM(CASE WHEN EXTRACT (DOW FROM departureTS) IN (6, 0)  
                   THEN ticketPrice*0.85  
                   ELSE ticketPrice  
               END), 2)*1.08 ukIznos  
FROM passenger  
JOIN let      USING (flightId)  
WHERE EXTRACT (DOW FROM departureTS) IN (6, 0)
```