Übungsblatt 5

Truong, testfran, Ilya

Aufgabe 1

```
count version:
SELECT LNr
FROM (SELECT * FROM LIEFERUNG NATURAL JOIN TEIL
     WHERE Farbe = 'grün') A
GROUP BY LNr
HAVING count(distinct PNr) = (SELECT count(distinct PNr) FROM A)
SELECT LNr
FROM (SELECT * FROM LIEFERUNG NATURAL JOIN TEIL
     WHERE Farbe = 'grün') A
WHERE LNr NOT EXISTS (SELECT *
                  FROM TEIL NATURAL JOIN LIEFERUNG B
                  GROUP BY PNr
                 HAVING Farbe != 'grün' and count(distinct TNr) = (SELECT count(distinct TNr) FROM B G
Aufgabe 2
     CREATE TABLE pirate(
      pld NOT NULL PRIMARY KEY,
      pName NOT NULL UNIQUE,
      pShout varchar(20) DEFAULT "Arr!",
      pFakeHand int NOT NULLT CHECK(pHandCount between 0 and 2) DEFAULT 0,
      schiff_nr int
      );
  b. ALTER TABLE pirate
      ADD CONSTRAINT fakeHand CHECK(pHandCount > 0 AND pShout = 'arr');
  c. ALTER TABLE pirate
      DROP CONSTRAINT fakeHand;
```

Aufgabe 3

)

d. CREATE ASSERTION noShoutCliche AS CHECK (

SELECT count(*) FROM pirate

WHERE count(SELECT * FROM pirate WHERE pShout = 'arr') / count(pShout) < 0.9