

•Loo vaade, milles on ainult tüdrukute sündimise andmed koos emade nimedega.

```
CREATE VIEW tydrukud AS
SELECT * FROM synnid LEFT JOIN emad USING (ema_id)
where sugu="t"
SELECT *
FROM tydrukud
```

Tulemus:

| ema_id | synnikuupaev | l_nimi | elukoht | synniaeg | synnikaal | sunnipikkus | sugu | ema_nimi | vanus | laste_arv |
|--------|--------------|-----------|------------|----------|-----------|-------------|------|-------------|-------|-----------|
| 3 | 2007-01-27 | Karolin | Tallinn | 19:42:00 | 3538 | 51 | t | Katarina | 30 | 1 |
| 4 | 2007-01-28 | Liisi | Tallinn | 00:12:00 | 2920 | 48 | t | Kristall | 29 | 1 |
| 7 | 2007-01-30 | Ramona | Tallinn | 18:27:00 | 2473 | 47 | t | Patsike | 31 | 3 |
| 9 | 2007-01-31 | Karola | Helsingi | 18:28:00 | 3545 | 50 | t | Margareth | 32 | 2 |
| 12 | 2007-02-04 | Heike | Tallinn | 11:17:00 | 3450 | 50 | t | Zipsik | 29 | 1 |
| 13 | 2007-02-05 | Aneteliis | Tartu | 19:25:00 | 3290 | 49 | t | Signeke | 25 | 1 |
| 14 | 2007-02-06 | Lysandra | Tyri | 15:41:00 | 4040 | 51 | t | Eveke | 26 | 2 |
| 15 | 2007-02-07 | Kelly | Tallinn | 22:44:00 | 3250 | 50 | t | Nadja | 27 | 2 |
| 20 | 2007-02-10 | Inga | Tallinn | 06:18:00 | 3056 | 48 | t | Pisikeingel | 24 | 1 |
| 23 | 2007-02-11 | Elis | Tallinn | 10:54:00 | 2760 | 47 | t | Triinu | 27 | 2 |
| 24 | 2007-02-11 | Heleriin | Tartu | 14:51:00 | 3398 | 51 | t | Kiisuke | 20 | 1 |
| 26 | 2007-02-12 | Melani | Paide | 12:50:00 | 3150 | 51 | t | Mormela | 20 | 2 |
| 32 | 2007-02-15 | Jessika | Tallinn | 23:15:00 | 3670 | 53 | t | Margariita | 24 | 2 |
| 36 | 2007-02-17 | Marelle | Tallinn | 13:36:00 | 4100 | 51 | t | Fly | 24 | 2 |
| 37 | 2007-02-19 | Kelli | Tallinn | 19:06:00 | 3540 | 52 | t | Blanka | 24 | 1 |
| 38 | 2007-02-20 | Karina | Tartu | 14:55:00 | 3400 | 51 | t | Roosi | 29 | 2 |
| 39 | 2007-02-20 | Maria | Tallinn | 20:51:00 | 3986 | 51 | t | Ave | 29 | 3 |
| 40 | 2007-02-20 | Marinel | Tallinn | 15:22:00 | 4062 | 51 | t | Mari | 25 | 1 |
| 41 | 2007-02-22 | Lisandra | Kuressaare | 20:08:00 | 3186 | 49 | t | Kirke | 19 | 1 |
| 43 | 2007-02-26 | Mirell | Tallinn | 03:05:00 | 4080 | 54 | t | Tups | 30 | 1 |
| 44 | 2007-02-27 | Meribel | Paide | 09:35:00 | 4040 | 53 | t | Kiisu | 19 | 1 |
| 45 | 2007-02-27 | Merike | Tallinn | 20:56:00 | 3912 | 53 | t | Merka | 20 | 1 |
| 49 | 2007-03-08 | Merike | Paide | 01:43:00 | 3800 | 52 | t | Viki | 30 | 2 |
| 50 | 2007-03-09 | Rita | Tallinn | 01:37:00 | 3778 | 52 | t | Katrin | 29 | 2 |

Loo samasugune vaade poiste kohta

```
CREATE VIEW poisid AS
SELECT * FROM synnid LEFT JOIN emad USING (ema_id)
where sugu="p"
```

```
SELECT *
FROM poisid
```

Tulemus

| ema_id | synnikuupaev | l_nimi | elukoht | synniaeg | synnikaal | sunnipikkus | sugu | ema_nimi | vanus | laste_arv |
|--------|--------------|-----------|----------|----------|-----------|-------------|------|-----------|-------|-----------|
| 1 | 2007-01-15 | Richard | Tallinn | 22:59:00 | 2385 | 46 | p | Imbi | 21 | 1 |
| 2 | 2007-01-27 | Ralf | Tallinn | 13:08:00 | 3736 | 50 | p | Rapunzel | 26 | 2 |
| 5 | 2007-01-28 | Kaur | Tallinn | 00:53:00 | 2610 | 46 | p | Kurr | 28 | 1 |
| 6 | 2007-01-28 | Rasmus | Keila | 13:41:00 | 2462 | 47 | p | Miili | 28 | 1 |
| 8 | 2007-01-31 | Otto | Tallinn | 09:15:00 | 3148 | 50 | p | Lilleke | 22 | 3 |
| 8 | 2007-01-31 | Konrad | Tallinn | 09:17:00 | 2652 | 50 | p | Lilleke | 22 | 3 |
| 10 | 2007-02-01 | Sten | Tartu | 12:23:00 | 3740 | 51 | p | Kiki | 22 | 1 |
| 11 | 2007-02-03 | Steven | Tartu | 23:47:00 | 3850 | 52 | p | Katriin | 28 | 2 |
| 16 | 2007-02-09 | Rihard | Tallinn | 02:52:00 | 4140 | 52 | p | Moonika | 24 | 1 |
| 17 | 2007-02-09 | Sander | Tallinn | 17:43:00 | 3330 | 50 | p | Plikake | 23 | 1 |
| 18 | 2007-02-10 | Marten | Tallinn | 03:28:00 | 3756 | 51 | p | Kristlin | 21 | 1 |
| 19 | 2007-02-10 | Bairon | Tartu | 06:05:00 | 2710 | 49 | p | Zandra | 20 | 1 |
| 21 | 2007-02-10 | Sebastian | Tallinn | 14:49:00 | 2818 | 48 | p | Jessika | 27 | 1 |
| 22 | 2007-02-11 | Jaan | Tallinn | 01:27:00 | 3496 | 51 | p | Kriste | 28 | 3 |
| 25 | 2007-02-12 | Andres | Tallinn | 03:15:00 | 4345 | 53 | p | Ade | 34 | 2 |
| 27 | 2007-02-12 | Joosep | Viljandi | 23:42:00 | 3460 | 49 | p | Krista | 24 | 2 |
| 28 | 2007-02-13 | Sebastian | Tallinn | 05:20:00 | 3876 | 52 | p | Carmen | 30 | 2 |
| 29 | 2007-02-13 | Kaidro | Tallinn | 11:33:00 | 3670 | 53 | p | Silja | 22 | 1 |
| 30 | 2007-02-13 | Rasmus | Tallinn | 04:05:00 | 3670 | 52 | p | Viivi | 31 | 1 |
| 31 | 2007-02-15 | Ralf | Tallinn | 17:21:00 | 4842 | 52 | p | Lüsa-Lota | 26 | 1 |
| 33 | 2007-02-16 | Prank | Tallinn | 01:13:00 | 3166 | 53 | p | Annika | 27 | 1 |
| 34 | 2007-02-16 | Lars | Tartu | 07:58:00 | 3090 | 50 | p | Piibe | 28 | 2 |
| 35 | 2007-02-17 | Oliver | Tartu | 20:27:00 | 3640 | 50 | p | Nella | 28 | 2 |
| 42 | 2007-02-24 | Gregori | Tallinn | 03:22:00 | 3910 | 51 | p | Marja | 32 | 1 |
| 46 | 2007-02-27 | Tanel | Tallinn | 23:09:00 | 3104 | 48 | p | Pille | 26 | 1 |
| 47 | 2007-03-02 | Emil | Tartu | 00:15:00 | 3410 | 50 | p | Maiki | 26 | 1 |
| 48 | 2007-03-04 | Marek | Tallinn | 04:55:00 | 4600 | 51 | p | Lilleke | 27 | 2 |

Veendu, et vaadete andmed muutuvad, kui tabelisse sünnid andmeid juurde lisada. Too vastavad näited selle kohta.

```
UPDATE `monicalaud_praktikum`.`synnid` SET `ema_id` = '51' WHERE `synnid`.`synnikuupaev` = '2016-10-28' AND `synnid`.`ema_id` = 0 AND `synnid`.`l_nimi` = 'Kristjan' AND `synnid`.`elukoht` = 'Tartu' AND `synnid`.`synniaeg` = '21:45:00' AND `synnid`.`synnikaal` = 3567 AND `synnid`.`sunnipikkus` = 50 AND `synnid`.`sugu` = 'p'
```

Select * from poisid (kuna emade tabelis andmeid ei lisatud, siis saame selle kohapeal NULL vastuseks)

| | | | | | | | | | | |
|----|------------|----------|---------|----------|------|----|---|---------|------|------|
| 47 | 2007-03-02 | Emil | Tartu | 00:15:00 | 3410 | 50 | p | Maiki | 26 | 1 |
| 48 | 2007-03-04 | Marek | Tallinn | 04:55:00 | 4600 | 51 | p | Lilleke | 27 | 2 |
| 51 | 2016-10-28 | Kristjan | Tartu | 21:45:00 | 3567 | 50 | p | NULL | NULL | NULL |

Printi

Lisati 1 rida.

```
INSERT INTO `monicalaud_praktikum`.`synnid` (
`synnikuupaev`,
`ema_id`,
```

```

`l_nimi`,
`elukoht`,
`sunniaeg`,
`sunnikaal`,
`sunnipikkus`,
`sugu`
)
VALUES (
'2016-10-31', '52', 'Tiina-Liina', 'Tartu', '12:00:00', '43', '46', 't'
);
Select * from tydrukud
49      2007-03-08      Merike Paide  01:43:00      3800  52      t      Viki      30      2
50      2007-03-09      Rita      Tallinn  01:37:00      3778  52      t      Katrin   29      2
52      2016-10-31      Tiina-Liina      Tartu  12:00:00      43      46      t      NULL     NULL

```

Uuri, millal on hea kasutada funktsiooni truncate(). Selleks, et tabel täielikult tühjendada ja alustada primaarvõtme loendur algusest, kasutada päringut TRUNCATE [tabeli nimi].

- Too üks päring selle kasutamise kohta.

```
SELECT * FROM `vara`
```

| VaraID | kood | Eesnimi | Perenimi | Address | Linn | Kirjeldus | valmimise_aeg |
|--------|------|----------|------------|-------------|---------|---------------------------------|---------------|
| 1 | 2 | Kristjan | Jaak | Põldvuti 43 | Paide | Eramaja, 2 korrust | 10.10.1954 |
| 2 | 3 | Karolin | Kärbseseen | Põldvuti 42 | Paide | Eramaja, 2 korrust | 10.10.1954 |
| 3 | 1 | Sirle | Rebane | Filmi 6 | Tallinn | ridamaja, 3 korrust, lame katus | 09.11.1999 |

TRUNCATE vara

```
SELECT * FROM `vara`
```

MySQL tagastas tühja tulemuse (s.t nulliread). (päring kestis 0.0002 sekundit)

| Veerg | Tüüp | Null | Valkimis |
|---------------|--------------|------|----------|
| VaraID | int(11) | Ei | |
| kood | varchar(100) | Jah | NULL |
| Eesnimi | varchar(255) | Jah | NULL |
| Perenimi | varchar(255) | Jah | NULL |
| Address | varchar(255) | Jah | NULL |
| Linn | varchar(255) | Jah | NULL |
| Kirjeldus | varchar(200) | Jah | NULL |
| valmimise_aeg | varchar(200) | Jah | NULL |

-- Indeksad

| Võtme nimi | Tüüp | Ainulaadne | Pakitud | Veerg | Hulk | Kodeering | Null | Kommentaär |
|------------|-------|------------|---------|--------|------|-----------|------|------------|
| PRIMARY | BTREE | Jah | Ei | VaraID | 0 | A | Ei | |

Loo päring, milles väljastatakse perenimi ja eesnimi ühes veerus. Kasuta aliaist nimi.

```
SELECT CONCAT_WS(" ", `Eesnimi`, `Perenimi`) AS nimi FROM KASUTAJAD_KONTAKTID
```

+ Valikud

| nimi |
|-------------------|
| Oliver Ahven |
| Andrus Hansen |
| Sander Jänes |
| Hardy Kallas |
| Aimar Kauts |
| Kristjan Kivastik |
| Karl Gustav Kraak |
| Monica Laud |

```
SELECT CONCAT_WS(" ", `Eesnimi`, `Perenimi`) AS nimi FROM TOOTAJA
```

Valikud

| nimi |
|----------------|
| Jason Martin |
| Alison Mathews |
| James Smith |
| Celia Rice |
| Robert Black |
| Linda Green |
| David Larry |
| James cat |