

Príklad č. 1

Majme výrazy relačnej algebry 1 a 2.

$$V_1 \leftarrow \text{customer} \bowtie_{\text{customer_num}=\text{customer_num}} \text{cust_calls} \quad (1)$$

$$V \leftarrow \Pi_{\text{customer_num}, \text{lname}, \text{company}, \text{call_descr}}(V_1) \quad (2)$$

Potom na základe 1 a 2 môžeme napísať nasledujúci (zodpovedajúci) príkaz jazyka SQL:

```
SELECT c.customer_num, lname, company, call_descr
FROM customer c, cust_calls u
WHERE c.customer_num = u.customer_num;
```

Príklad č. 2

Majme výrazy relačnej algebry 3, 4 a 5.

$$V_1 \leftarrow \text{customer} \bowtie_{\text{customer_num}=\text{customer_num}} \text{cust_calls} \quad (3)$$

$$V_2 \leftarrow \sigma_{\text{company} \neq 'A*' \text{ AND } \text{phone} = '415*'}(V_1) \quad (4)$$

$$V \leftarrow \Pi_{\text{customer_num}, \text{lname}, \text{company}, \text{call_descr}}(V_2) \quad (5)$$

Potom môžeme napísať nasledujúci (zodpovedajúci) príkaz jazyka SQL:

```
SELECT c.customer_num, lname, company, call_descr
FROM customer c, cust_calls u
WHERE c.customer_num = u.customer_num
AND company NOT LIKE 'A%'
AND phone LIKE '415%';
```