



| Anzoh (                        | Erster Lefzter 07. AUG-08 25-AUG-08      |
|--------------------------------|--|
|                                | COUNT (DISTINKT KN, 1 Verschiedene_Kurse |
|                                | Verchiedere Kurge                        |
| Be dinungen                    |  |
|                                | PNv, Name Vornane Ausgalee:              |
| 1 FROM                         | Personen Phy Name Vorname                |
| 3 WHERE                        | FNr -1: 132442 Ossuald Kust              |
| Alearbeitungs -<br>Leihenfolge | Bedirung                                 |
| SELECT                         | PNv, Name, Varname                       |
| FROM                           | Personen                                 |
| WHERE                          | Lohnstafe >= 5                           |
| AND                            | (For = 2 OR FNr = 3)                     |
| AND                            | NOT (Name = 'Steffen'),                  |
|                                |  |
|                                |  |

| SELE                    | CT         | *           |                    |      |   |            |               |       |      |         |  |  |
|-------------------------|------------|-------------|--------------------|------|---|------------|---------------|-------|------|---------|--|--|
|                         |            |             |                    |      |   |            |               |       |      |         |  |  |
| FKU.                    | <i>/V </i> | Funkt       | ionen              |      |   |            |               |       |      |         |  |  |
| ORDE                    | R BY       | Fun         | ktione             | 'n,  |   | A.         | SC/.          | DES   |      |         |  |  |
|                         |            |             |                    |      |   |            |               |       |      |         |  |  |
| FNV                     | Fan        | ktionea     |                    |      |   |            |               |       |      |         |  |  |
|                         |            | rikelei     | les                |      |   |            |               |       |      |         |  |  |
|                         |            |             |                    |      |   |            |               |       |      |         |  |  |
|                         |            |             |                    |      |   |            |               |       |      |         |  |  |
|                         |            |             |                    |      |   |            |               |       |      |         |  |  |
| (615                    | 7          | D 1/ 1      | / //               |      | <u>,                                     </u> |            |               |       |      |         |  |  |
| SELE                    |            | $PN_{r}, I$ | \/V <sub>V</sub> , | Va I | am  |            |               |       |      |         |  |  |
| FRO.                    | U,         | Kursbe      | such               |      |   |            |               |       |      |         |  |  |
|                         |            |             |                    |      | 10.1  |            | $\mathcal{C}$ | ۱۸ ۱  |      | ) C c C |  |  |
| ORVE                    | IK U       | Y P,        | Nr, 1              | 45C  | $,   \mathcal{N}_{\nu}$                       | , <i>H</i> | ) (           | DerTo | nm L | たらし     |  |  |
|                         |            |             |                    |      |   |            |               |       |      |         |  |  |
| PNV                     | KNV        | Data        | n                  | 0.0  | <u> </u>                                      |            |               |       |      |         |  |  |
| 1001                    | 245        | 23-         | JUN1.              | 08   |   |            |               |       |      |         |  |  |
| 1001                    | 412        | 07-         | AUG-               | 08   |   |            |               |       |      |         |  |  |
| 100 1<br>100 1<br>100 1 | 454        | 12 -        | JAN.               | 07   |   |            |               |       |      |         |  |  |
|                         |            |             |                    |      |   |            |               |       |      |         |  |  |
| Datensa                 | itze G     | Trapoi      | eren               |      |   |            |               |       |      |         |  |  |
|                         |            |             |                    |      |   |            |               |       |      |         |  |  |
| PN                      | VN         | rsonen      | FN                 |      | <i>C</i> /                                    |            |               |       |      |         |  |  |
| 1 300                   | V /V       | NN          | 70                 |      | Salary  | ,          |               | F     | Nv   |         |  |  |
| 1                       | ~          | ~           | 3                  |      | ~~  |            | _             |       |      |         |  |  |
| 2                       | ~          | n           | 3                  |      | ~   |            |               | 3     |      |         |  |  |
| 3                       | n          | n<br>2      | 5                  |      | N   |            |               | 5     |      |         |  |  |
| 6                       | n          | n           | 9                  |      | N   |            |               |       |      |         |  |  |
| 7                       | n          | ~           | 3                  |      | ~   |            |               |       |      |         |  |  |

| SELECT        | FNr, COUNT          | T(FNr) Anzal       | h(, AVG (Lohr                          | stufe-1) x 1000+6000 |
|---------------|---------------------|--------------------|--|----------------------|
|               |                     |                    | 'DSalary                               |                      |
| FROM          | Personen            |                    |  |                      |
| GROUP         | BY FNV              | FNv Anzoh          |  |                      |
| ORDER         | BY                  | 4 2                | 125000                                 |                      |
|               |                     | 3 3 2              | 93333 3                                |                      |
|               |                     | 7 3                | 63 333, 3                              |                      |
|               | ,                   |                    |  |                      |
| Verleinder    | ny mit den Sch      | lessellort G       | ROUP BY g                              | ilet es nach         |
|               | elwert, HAVIA       |                    |  |                      |
|               |                     |                    |  |                      |
|               | mengen erreg        |                    |  |                      |
| rollo de      | mit, HAVIN          | angegele.          | nen Bedinunge                          | is night aut         |
| rselne Da     | lensabe, sende      | rn auf Dalens      | Azgruppen                              | angeweende!          |
|               |                     |                    |  |                      |
|               | PN, COUNT (K,       |                    | Kunden                                 |                      |
| FROM          | Kursbesuche         |                    |  | 1 (Nv                |
| HERE          | Datum >= 101        | -SEPT-07'          | 7                                      | 10                   |
|               |                     |                    | 7                                      | 77                   |
| GROUP !       |                     |                    | 2 2                                    | 70                   |
| HAVING        | COUNT (KN           | (·)71.             | 3-1                                    | 9                    |
|               |                     |                    |  |                      |
| FROM          | HERE - GROUPBY - HA | VING - SELECT -    | (DISTI T) (ORDER                       | 31 - (L1 1117)       |
|               |                     |                    |  |                      |
| ers chachtely | te Abfragen         |                    |  |                      |
| SELECT        | KN - Kour hareich   |                    |  |                      |
| FROM K        | KNV Kurs bezeich    | nung               |  |                      |
| WHEKE         | KN W (SELECT IC     | CNV<br>URS BESUCHE |  |                      |
|               |                     | Nr = ( SELECT      | PNR                                    |                      |
|               |                     | FROM               | Personen<br>Nome = 'Ste<br>Vorname = ' | offer,               |
| 40000         | V IC I              | AND                | Vornanc =                              | Fe(1x'))             |
| UKUEK B       | Y Kurssbezeichnun   | ng                 |  |                      |

| KNV Kursbezeichnung   |                                       |
|---|---------------------------------------|
|   |                                       |
| 295 Vakenleanlan<br>499 Elektrastatische<br>249 Kostenschäfzung | Inflading                             |
| 412 Talellerkalpulati   |                                       |
| 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -                         |                                       |
| CCICCT = U  |                                       |
| SELECT FNr, Name,<br>FROM Personen                              | Vorname, Lonnstite                    |
| WHERE (FNr. Lohn stuf   | Se) IN                                |
| (SELECT FN)   | MAX (Lohnstufe)                       |
| FROM Person<br>GROUP BY F,                                      | $\mathcal{N}_{\nu}$                   |
| ORDER BY FN. DESC   | Name ASC.                             |
| FN. Name Varname  | 1 ob. at. te                          |
| 5 Steiner Rene  |                                       |
| 4 Habe- Walter  | S S S S S S S S S S S S S S S S S S S |
| 3 Steffen Felix<br>2 Meier Itans                                |                                       |
| 7 Ossualt Kunt  |                                       |
|   |                                       |
| JOINS   |                                       |
|   |                                       |
| Employee  |                                       |
| 5d Vare ; id 7 Max 7 ×  | 1 Besch                               |
| 2   Tan ;   2   | 7 Manrer<br>2 Dachdecker              |
| 3 Hans 3  |                                       |
|   |                                       |
| ld Nome jid ld  | Besch                                 |
| 1 Max 1 1 1   | Monrey                                |
| 7 Max 7 2<br>2 Ioni 7 1   | Doehdecker<br>Manner<br>Dachdecker    |
| 2 lan; 1 2  | Dechalecker                           |
| 3 Hons 2 2<br>3 Hons 2 2  | Mayrey<br>Dochdecker                  |
|   |                                       |
| Es gibt Folgende Art  | les van Jains:                        |
| ·INNER  |                                       |
|   |                                       |
| · LEFT  |                                       |
| · RIGHT   |                                       |
|   |                                       |
| · CROSS   |                                       |
|   |                                       |





