Test 3

1. Zadání

Do tabulky „*Výsledek“* zapište výsledek operace

SELECT Tab1.S1, S2,S3,S4

FROM Tab1 LEFT JOIN Tab2   
 ON Tab1.S1 = Tab2.S1

**Tab1 Tab2 Výsledek Vzor**

|  |  |
| --- | --- |
| S1 | S2 |
| A | B |
| C | D |
| E | F |

|  |  |  |
| --- | --- | --- |
| S1 | S3 | S4 |
| A | X | Y |
| C | Z | W |
| C | K | L |
| C | O | P |
| G | Q | R |

|  |  |  |  |
| --- | --- | --- | --- |
| S1 | S2 | S3 | S4 |
| A | B | X | Y |
| C | D | Z | W |
| C | D | K | L |
| C | D | O | P |
| E | F | null | null |

|  |  |  |  |
| --- | --- | --- | --- |
| S1 | S2 | S3 | S4 |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

1. Zadání

Do tabulky „*Výsledek“* zapište výsledek operace

SELECT Tab1.S1, S2,S3,S4

FROM Tab1 RIGHT JOIN Tab2

ON Tab1.S1 = Tab2.S1

**Tab1 Tab2 Výsledek Vzor**

|  |  |
| --- | --- |
| S1 | S2 |
| A | B |
| C | D |
| E | F |

|  |  |  |
| --- | --- | --- |
| S1 | S3 | S4 |
| A | X | Y |
| C | Z | Q |
| C | K | L |
| C | O | P |
| G | Q | R |

|  |  |  |  |
| --- | --- | --- | --- |
| S1 | S2 | S3 | S4 |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| S1 | S2 | S3 | S4 |
| A | B | X | Y |
| C | D | Z | W |
| C | D | K | L |
| C | D | O | P |
| null | null | Q | R |

1. Zadání

Do tabulky „*Výsledek“* zapište výsledek operace

SELECT S1,COUNT(S2) AS Pocet, SUM(S3) AS Soucet

FROM Tab

GROUP BY S1

ORDER BY S1 desc

**Tab Výsledek Vzor**

|  |  |  |
| --- | --- | --- |
| S1 | S2 | S3 |
| A | B | 1 |
| C | D | 2 |
| C | E | 3 |
| C | F | 4 |
| G | H | 5 |
| G | I | 6 |

|  |  |  |
| --- | --- | --- |
| S1 |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| S1 | Pocet | Soucet |
| G | 2 | 11 |
| C | 3 | 9 |
| A | 1 | 1 |

1. Zadání

Do tabulky „*Výsledek“* zapište výsledek operace

SELECT S1, MAX(S3) AS Maximum, FIRST(S2) AS Prvni

FROM Tab

GROUP BY S1

ORDER BY S1 desc

**Tab Výsledek Vzor**

|  |  |  |
| --- | --- | --- |
| S1 | S2 | S3 |
| A | B | 1 |
| C | D | 2 |
| C | E | 3 |
| C | F | 4 |
| G | H | 5 |
| G | I | 6 |

|  |  |  |
| --- | --- | --- |
| S1 |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| S1 | Maximum | Prvni |
| G | 6 | H |
| C | 4 | D |
| A | 1 | B |

1. Zadání

Do tabulky „*Výsledek“* zapište výsledek operace

SELECT S1,COUNT(S2) AS Pocet

FROM Tab1 INNER JOIN Tab2

ON Tab1.S2 = Tab2.S2

WHERE S3 >= 2

GROUP BY S1

HAVING Pocet > 1

ORDER BY S1 desc

|  |  |
| --- | --- |
| S1 | Pocet |
| C | 2 |
| B | 3 |

|  |  |
| --- | --- |
| S1 |  |
|  |  |
|  |  |

**Tab1 Tab2 Výsledek Vzor**

|  |  |
| --- | --- |
| S1 | S2 |
| A | K |
| B | L |
| B | L |
| B | L |
| C | M |
| C | M |

|  |  |
| --- | --- |
| S2 | S3 |
| K | 1 |
| L | 2 |
| M | 3 |

1. Zadání

Do tabulky „*Výsledek“* zapište výsledek operace

SELECT S1,COUNT(S2) AS Pocet

FROM Tab1 LEFT JOIN Tab2

ON Tab1.S2 = Tab2.S2

WHERE S3 >= 2

GROUP BY S1

HAVING Počet > 1

ORDER BY S1 desc

|  |  |
| --- | --- |
| S1 | Pocet |
| C | 2 |
| B | 3 |

|  |  |
| --- | --- |
| S1 |  |
|  |  |
|  |  |

**Tab1 Tab2 Výsledek Vzor**

|  |  |
| --- | --- |
| S1 | S2 |
| A | K |
| B | L |
| B | L |
| B | L |
| C | M |
| C | M |
| D | O |

|  |  |
| --- | --- |
| S2 | S3 |
| K | 1 |
| L | 2 |
| M | 3 |
| N | 4 |

1. Zadání

Do tabulky „*Výsledek“* zapište výsledek operace

SELECT TOP 1 Otec, Count(\*) AS PocetSynu

FROM OtecSyn

GROUP BY Otec

ORDER BY Count(\*) DESC;

| **Otec** | **PocetSynu** |
| --- | --- |
| B | 4 |

OtecSyn Výsledek Vzor

| **Otec** | **Syn** |
| --- | --- |
| B | K |
| B | J |
| F | I |
| F | H |
| F | G |
| B | E |
| B | D |
| A | C |
| A | B |
| O | A |

| **Otec** |  |
| --- | --- |
|  |  |

1. Zadání

Do tabulky „*Výsledek“* zapište výsledek operace

SELECT TOP 1 Otec, PocetSynu

FROM (SELECT TOP 3 Otec, Count(\*) AS PocetSynu

FROM OtecSyn

GROUP BY Otec

ORDER BY Count(\*) DESC) AS QQQ

ORDER BY PocetSynu;

OtecSyn Výsledek Vzor

| **Otec** | **Syn** |
| --- | --- |
| B | K |
| B | J |
| F | I |
| F | H |
| F | G |
| B | E |
| B | D |
| A | C |
| A | B |
| O | A |

| **Otec** |  |
| --- | --- |
|  |  |

| **Otec** | **PočetSynu** |
| --- | --- |
| A | 2 |