

Übungen zu Select „DB Waldesruh“

27.10.2004

Aufgabe 1

```
SELECT W.Waldname, TA.Tiername, TA.Nachttier
FROM Wälder AS W, Tierbestand AS TB, Tierarten AS TA
WHERE W.Waldid = TB.Waldid AND TB.Tiername = TA.Tiername AND TA.Nachttier = true;
```

Aufgabe 2

```
Select distinct F.Förstername
From Förster as F, Wälder as W, Baumbestand as BB, Baumarten as BA
Where BA.Baumart = 'Laubbaum' AND BA.Baumname = BB.Baumname AND BB.Waldid = W.Waldid
AND W.Försterid = F.Försterid;
```

Aufgabe 3

```
Select Baumname
From Baumarten
Where Baumart = "Laubbaum"
Order by Baumname desc;
```

Aufgabe 4

```
Select distinct W.Waldname, BA.Baumname, BA.Baumart, TA.Tiername, TA.Nachttier
From Baumarten as BA, Baumbestand as BB, Wälder as W, Tierbestand as TB, Tierarten as TA
Where (BA.Baumart = 'Laubbaum' OR TA.Nachttier = true ) AND BA.Baumname = BB.Baumname
AND BB.Waldid = W.Waldid AND TA.Tiername = TB.Tiername AND TB.Waldid = W.Waldid;
```

Aufgabe 5

```
SELECT Baumname
FROM Baumarten
WHERE Baumname like 'K*';
```

Aufgabe 6

```
Select BA.Baumname, BA.Baumhöhe, F.Förstername
From Baumarten as BA, Baumbestand as BB, Wälder as W, Förster as F
Where BA.Baumhöhe < 30 m AND Baumhöhe >= 16 m AND BA.Baumname = BB.Baumname AND
BB.Waldid = W.Waldid AND W.Försterid =F.Försterid;
```

Besser mit between:

```
Select BA.Baumname, BA.Baumhöhe, F.Förstername
From Baumarten as BA, Baumbestand as BB, Wälder as W, Förster as F
Where BA.Baumhöhe between 16 and 30 AND BA.Baumname = BB.Baumname AND BB.Waldid =
W.Waldid AND W.Försterid =F.Försterid;
```

Aufgabe 7

```
Select Tiername
From Tierarten
Where Artenschutz = false;
```

Aufgabe 8

```
SELECT TA.Tiername, W.Waldname, BA.Baumname, BA.Baumart
FROM Tierarten AS TA, Tierbestand AS TB, Wälder AS W, Baumbestand AS BB, Baumarten AS BA
WHERE TA.Artenschutz=False And BA.Baumart="Nadelbaum" And TA.Tiername=TB.Tiername And
TB.Waldid=W.Waldid And W.Waldid=BB.Waldid And BB.Baumname=BA.Baumname;
```

Aufgabe 9

```
Select count (Tiername)
From Tierarten
Where Tiername like „*t“;
```

Aufgabe 10

```
Select TB.Anzahl,TB.Tiername, W.Waldid, W.Waldname
From Tierbestand as TB, Wlder as W
Where W.Waldid = TB.Waldid;
```

Aufgabe 11

```
SELECT F.Frstername, W.Waldname
FROM Frster AS F, Wlder AS W
WHERE F.Frsterid=W.Frsterid;
```