



EPL342 –Databases

Lab 8 Solutions SQL-DML I

Solutions



Query 1

```
SELECT C.[First Name], C.[Last Name]
FROM Customers C
```

Query 2

```
SELECT *
FROM Employees E
WHERE E.[Job Title]='Sales Representative'
```

Query 3

```
SELECT *
FROM [Orders Status] OS, Orders O
WHERE OS.[Status ID]=O.[Status ID]
AND OS.[Status Name]='Shipped'
```

Solutions



Query 4

```
SELECT      DISTINCT E.City
FROM        Employees E
```

Query 5

```
SELECT      O.*
FROM        Employees E, Orders O
WHERE       E.ID = O.[Employee ID]
           AND E.[First Name] = N'Anne'
           AND E.[Last Name] = N'Hellung-Larsen'
```

Solutions



Query 6

```
SELECT *
FROM Orders O
WHERE O.[Employee ID]=9
AND O.[Order Date]>='2006-05-12'
```

Query 7

```
SELECT OD.*
FROM [Order Details] OD, Orders O
WHERE OD.[Order ID]=O.[Order ID]
AND O.[Employee ID]=9
AND O.[Order Date]>='2006-05-12'
```

Solutions



Query 8

```
SELECT      P.ID, P.[Product Name]
FROM        Products P
```

Query 9

```
SELECT      P.ID, P.[Product Name]
FROM        Products P
WHERE       P.Category='Beverages'
```

Query 10

```
SELECT      DISTINCT P.ID, P.[Product Name]
FROM        Products P, [Order Details] OD
WHERE       OD.[Product ID]=P.ID
```

Solutions



Query 11

```
SELECT      P.ID, P.[Product Name]
FROM        Products P
WHERE       NOT P.ID IN (
            SELECT      DISTINCT P.ID
            FROM        Products P, [Order Details] OD
            WHERE       OD.[Product ID]=P.ID)
```

Query 11b

```
SELECT      P.ID, P.[Product Name]
FROM        Products P
WHERE       NOT EXISTS (
            SELECT      *
            FROM        Products P2, [Order Details] OD
            WHERE       OD.[Product ID]=P2.ID AND P.ID=P2.ID)
```