

## Domas Budrys Scripts 6

### Question 1:

```
SELECT E.BusinessEntityID, P.Title, P.FirstName, P.LastName,  
DATEDIFF(yy, E.HireDate, getdate()) AS [Years Working], SUBSTRING(PP.PhoneNumber ,  
1, 3) AS [Area Code],  
E.VacationHours, E.SickLeaveHours
```

```
FROM HumanResources.Employee AS E
```

```
JOIN Person.Person AS P  
ON E.BusinessEntityID = P.BusinessEntityID
```

```
JOIN Person.PersonPhone AS PP  
ON P.BusinessEntityID = PP.BusinessEntityID
```

### Question 2:

```
SELECT E.BusinessEntityID, P.Title, P.FirstName, P.LastName,  
DATEDIFF(yy, E.HireDate, getdate()) AS [Years Working], SUBSTRING(PP.PhoneNumber ,  
1, 3) AS [Area Code],  
E.VacationHours, E.SickLeaveHours
```

```
FROM HumanResources.Employee AS E
```

```
JOIN Person.Person AS P  
ON E.BusinessEntityID = P.BusinessEntityID
```

```
JOIN Person.PersonPhone AS PP  
ON P.BusinessEntityID = PP.BusinessEntityID
```

```
WHERE E.VacationHours >= 80
```

**Question 3:**

```
SELECT COUNT (*) AS [NumberOfEmployeesHired], DATENAME(MONTH , E.HireDate)  
AS [MonthHired]
```

```
FROM HumanResources.Employee AS E
```

```
GROUP BY DATENAME(MONTH , E.HireDate), MONTH(E.HireDate)
```

```
HAVING COUNT(*) >=0
```

```
ORDER BY MONTH(E.HireDate)
```

**Question 4:**

```
SELECT E.BusinessEntityID, P.FirstName, P.LastName, A.AddressLine1, A.City,  
SP.Name AS State, A.PostalCode, E.HireDate, D.Name
```

```
FROM HumanResources.Employee AS E
```

```
JOIN Person.Person AS P  
ON E.BusinessEntityID = P.BusinessEntityID
```

```
JOIN Person.BusinessEntityAddress AS BA  
ON P.BusinessEntityID = BA.BusinessEntityID
```

```
JOIN Person.Address AS A  
ON BA.AddressID = A.AddressID
```

```
JOIN Person.StateProvince AS SP  
ON A.StateProvinceID = SP.StateProvinceID
```

```
JOIN HumanResources.EmployeeDepartmentHistory AS ED  
ON E.BusinessEntityID = ED.BusinessEntityID
```

```
JOIN HumanResources.Department AS D  
ON ED.DepartmentID = D.DepartmentID
```

```
WHERE D.Name LIKE 'Production' OR  
D.Name LIKE 'Production Control'
```

**Question 5:**

```
SELECT E.BusinessEntityID, P.FirstName, P.LastName, E.VacationHours

FROM HumanResources.Employee AS E

JOIN Person.Person AS P
ON E.BusinessEntityID = P.BusinessEntityID

JOIN HumanResources.EmployeeDepartmentHistory AS ED
ON E.BusinessEntityID = ED.BusinessEntityID

JOIN HumanResources.Shift AS S
ON ED.ShiftID = S.ShiftID

JOIN HumanResources.EmployeePayHistory AS EH
ON E.BusinessEntityID = EH.BusinessEntityID

WHERE S.Name LIKE 'Evening'
AND
NOT EXISTS
(SELECT EH.BusinessEntityID
FROM HumanResources.EmployeePayHistory AS EH
WHERE E.BusinessEntityID = EH. BusinessEntityID)
```