

EmployeeApp

Create a data model that includes the *Employee* table in the *Employee.mdf* database provided. Extend the entity class with a *FullName* property that returns the concatenation of first and last name.

Use LINQ method syntax to:

- Show the set of distinct department codes from the *Employee* table
- Show the employee names and department codes of employees with phone numbers in the 618 area code in alphabetical order. Display a message if none exist.
- Show the employee names and department codes of employees in the *SL* department.
- Show the number of *SL* employees before and after each of the following changes:
 - Permanently move employee *Thomas Smiley* to department *MK*.
 - Add yourself as an employee to department *SL*. Note: The only required field in the *Employee* table is the primary key, *id*, which is not an identify column and not automatically assigned. Use 'A0062' (or higher).
 - Remove your employee record from the table.