Part 1: MySQL Workbench

The Wedgewood Pacific Corporation (WPC), founded in 1957 in Seattle, Washington, has grown into an internationally recognized organization. The company database contains data about employees, departments, projects etc.

* **Steps to create EMPLOYEE table and populate with data:**

A. Create a database named WPC (create database WPC;) and then “use WPC;” before running any of the SQL statements.

B. Figure 1 shows the column characteristics for the EMPLOYEE table. Using the column characteristics, create the EMPLOYEE table in the WPC database (CREATE TABLE EMPLOYEE..).

C. Figure 2 shows the data for the EMPLOYEE table. Using “INSERT INTO EMPLOYEE”, enter the data for EMPLOYEE table shown in Figure 2 into your EMPLOYEE table.

Figure 1: Database Column Characteristics for the EMPLOYEE Table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Type** | **Key** | **Required** | **Remarks** |
| EmployeeNumber | AutoNumber | Primary Key | Yes | Surrogate Key |
| FirstName | Text (25) | No | Yes |  |
| LastName | Text (25) | No | Yes |  |
| Department | Text (35) | No | Yes |  |
| Phone | Text (12) | No | No |  |
| Email | Text (100) | No | Yes |  |

Figure 2: Wedgewood Pacific Corporation EMPLOYEE Data

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **EmployeeNumber** | **FirstName** | **LastName** | **Department** | **Phone** | **Email** |
| [ AutoNumber] | Mary | Jacobs | Administration | 360-285-8110 | Mary.Jacobs@WPC.com |
| [ AutoNumber] | Rosalie | Jackson | Administration | 360-285-8120 | Rosalie.Jackson@WPC.com |
| [ AutoNumber] | Richard | Bandalone | Legal | 360-285-8210 | Richard.Bandalone@WPC.com |
| [ AutoNumber] | Tom | Caruthers | Accounting | 360-285-8310 | Tom.Caruthers@WPC.com |
| [ AutoNumber] | Heather | Jones | Accounting | 360-285-8320 | Heather.Jones@WPC.com |
| [ AutoNumber] | Mary | Abernathy | Finance | 360-285-8410 | Mary.Abernathy@WPC.com |
| [ AutoNumber] | George | Smith | Human Resources | 360-285-8510 | George.Smith@WPC.com |
| [ AutoNumber] | Tom | Jackson | Production | 360-287-8610 | Tom.Jackson@WPC.com |
| [ AutoNumber] | George | Jones | Production | 360-287-8620 | George.Jones@WPC.com |
| [ AutoNumber] | Ken | Numoto | Marketing | 360-287-8710 | Ken.Numoto@WPC.com |
| [ AutoNumber] | James | Nestor | InfoSystems |  | James.Nestor@WPC.com |
| [ AutoNumber] | Rick | Brown | InfoSystems | 360-287-8820 | Rick.Brown@WPC.com |

D. Save the script at WPC-Employee.sql and drop it in D2L.