ADO.NET ASSSIGNMENTS

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**CREATE A TABLE FOR COMPANY**

|  |  |  |
| --- | --- | --- |
| COLUMN\_NAME | DATATYPE | CONSTRAINT |
| COMPANYID | INT | PRIMARY KEY, IDENTITY(1,1) |
| COMPANYNAME | VARCHAR(100) |  |
| WEBSITE | VARCHAR(100) |  |
| EMAIL | VARCHAR(100) |  |

1. **Write a C# Program to add two companies to the table.**
2. **After adding the companies, write a program to display the company details in the screen**

**CREATE A TABLE FOR DEPT**

|  |  |  |
| --- | --- | --- |
| COLUMN\_NAME | DATATYPE | CONSTRAINT |
| DEPTID | INT | PRIMARY KEY, IDENTITY(1,1) |
| DEPTNAME | VARCHAR(100) |  |
| DEPTLOCATION | VARCHAR(100) |  |
|  |  |  |

1. **Write a C# Program to add Five Departments to the table.**
2. **After adding, display the departments in the screen.**
3. **After displaying, delete a company and then display it in the screen.**

**CREATE A TABLE FOR DESG**

|  |  |  |
| --- | --- | --- |
| COLUMN\_NAME | DATATYPE | CONSTRAINT |
| DESGID | INT | PRIMARY KEY |
| DESGNAME | VARCHAR(100) |  |
| CREATEDDATE | DATETIME | DEFAULT - GETDATE() |
|  |  |  |

1. **Write a C# Program to add Five Designation to the table.**

**CREATE A TABLE FOR EMPLOYEE**

|  |  |  |
| --- | --- | --- |
| COLUMN\_NAME | DATATYPE | CONSTRAINT |
| EMPID | INT | PRIMARY KEY |
| EMPNAME | VARCHAR(100) | UNIQUE |
| BASICSALARY | FLOAT |  |
| INCENTIVE | FLOAT |  |
| BONUS | FLOAT |  |
| DOB | DATETIME |  |
| DOJ | DATETIME | DEFAULT GETDATE() |
| GENDER | VARCHAR(100) |  |
| EMAIL | VARCHAR(100) | UNIQUE |
| MOBILE | VARCHAR(10) |  |
| CREATEDDATE | DATETIME | DEFAULT GETDATE() |
| COMPANYID | INT | F.K |
| DEPTID | INT | F.K |
| DESGID | INT | F.K |

1. **Write a C# Program to add 10 EMPLOYEES TO THE TABLE**
2. **WRITE A PROGRAM TO DISPLAY THE TOTALSALARY FOR EACH DEPTNAME.**

|  |  |
| --- | --- |
| DEPTNAME | TOTALSALARY |
|  |  |

1. **WRITE A PROGRAM TO DISPLAY THE NOOFEMPLOYEES FOR EACH COMPANYNAME.'**

|  |  |
| --- | --- |
| COMPANYNAME | NOOFEMPLOYEES |
|  |  |

1. **WRITE A PROGRAM TO DISPLAY THE DESGNAME,NOOFEMPS,TOTALSALARY**

|  |  |  |
| --- | --- | --- |
| DESGNAME | NOOFEMPS | TOTALSALARY |
|  |  |  |