Assignment

Feb19/ DBT/005

Database Technologies

Diploma in Advance Computing

February 2019

1. Create N2Employee table with following columns using Workbench.

|  |  |
| --- | --- |
| Field Name | Datatype (size) |
| ID | int primary key |
| FIRSTNAME | varchar(12) |
| LASTNAME | varchar(12) |
| GENDER | char (1) |
| HIREDATE | date |

1. Create N2Department table with following columns using Workbench.

|  |  |
| --- | --- |
| Field Name | Datatype (size) |
| ID | int primary key |
| NAME | varchar(20) |
| LOCATION | varchar(20) |

1. Create N2Employee\_Department table with following columns using Workbench.

|  |  |
| --- | --- |
| Field Name | Datatype (size) |
| ID | int primary key |
| DEPARTMENTID | Int [foreign key(DEPARTMENTID) references N2Department(ID)] |
| EMPLOYEEID | Int [foreign key(EMPLOYEEID) references N2Employee(ID)] |
| FROMDATE | Date |
| TODATE | Date |

1. Create N2SALARY table with following columns using Workbench.

|  |  |
| --- | --- |
| Field Name | Datatype (size) |
| ID | int primary key |
| EMPLOYEEID | int [foreign key(EMPLOYEEID) references N2Employee(ID)] |
| FROMDATE | date |
| TODATE | date |
| SALARY | int |

1. Create N2COMMISSION table with following columns using Workbench.

|  |  |
| --- | --- |
| Field Name | Datatype (size) |
| ID | int primary key |
| EMPLOYEEID | Int [foreign key(EMPLOYEEID) references N2Employee(ID)] |
| DATE | date |
| COMMISSION | float |

1. Create N2CONTACT table with following columns using Workbench.

|  |  |
| --- | --- |
| Field Name | Datatype (size) |
| ID | int primary key |
| EMPLOYEEID | int [foreign key(EMPLOYEEID) references N2Employee(ID)] |
| PHONENUMBER | BIGINT(12) |
| EMAILID | varchar(40) |

1. Create N2ADDRESS table with following columns using Workbench.

|  |  |
| --- | --- |
| Field Name | Datatype (size) |
| ID | int primary key |
| EMPLOYEEID | int [foreign key(EMPLOYEEID) references N2Employee(ID)] |
| LINE1 | varchar(30) |
| LINE2 | varchar(30) |
| CITY | varchar(20) |
| PIN | Int |

1. Create N2QUALIFICATION table with following columns using Workbench.

|  |  |
| --- | --- |
| Field Name | Datatype (size) |
| ID | int primary key |
| EMPLOYEEID | int [foreign key(EMPLOYEEID) references N2Employee(ID)] |
| NAME | varchar(10) |
| STREAM | varchar(18) |
| ADDMISSIONYEAR | date |
| INSTITUTE | varchar(15) |
| UNIVERSITY | varchar(25) |
| YEAROFPASSING | int |
| PERCENTAGE | float(7, 2) |
| GRADE | char(6) |

1. Create N2HOBBIES table with following columns using Workbench.

|  |  |
| --- | --- |
| Field Name | Datatype (size) |
| ID | int primary key |
| EMPLOYEEID | int [foreign key(EMPLOYEEID) references N2Employee(ID)] |
| NAME | varchar(25) |

1. Create N2ORDER table with following columns using Workbench.

|  |  |
| --- | --- |
| Field Name | Datatype (size) |
| ID | int primary key |
| EMPLOYEEID | Int [foreign key(EMPLOYEEID) references N2Employee(ID)] |
| ORDER\_DATE | date |
| AMOUNT | float |

1. Create N2JOBHISTORY table with following columns using Workbench.

|  |  |
| --- | --- |
| Field Name | Datatype (size) |
| ID | int primary key |
| EMPLOYEEID | int [foreign key(EMPLOYEEID) references N2Employee(ID)] |
| EMPLOYER | varchar(20) |
| FROMDATE | date |
| TODATE | date |
| NATURE | varchar(50) |