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 N2Employee\_Department table with following columns using Workbench.

|  |  |
| --- | --- |
| Field Name | Datatype (size) |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

create table (

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,

);

create table N2SALARY (

ID int primary key,

EMPLOYEEID int,

FROMDATE date,

TODATE date,

SALARY int,

foreign key(EMPLOYEEID) references N2Employee(ID)

);

create table N2COMMISSION (

ID int primary key,

EMPLOYEEID int,

FROMDATE date,

TODATE date,

COMMISSION int,

foreign key(EMPLOYEEID) references N2Employee(ID)

);

create table N2CONTACT (

ID int primary key,

EMPLOYEEID int,

PHONENUMBER BIGINT(12),

EMAILID varchar(40),

foreign key(EMPLOYEEID) references N2Employee(ID)

);

create table N2ADDRESS (

ID int primary key,

EMPLOYEEID int,

LINE1 varchar(30),

LINE2 varchar(30),

city varchar(20),

pin int,

foreign key(EMPLOYEEID) references N2Employee(ID)

);

create table N2QUALIFICATION (

ID int primary key,

EMPLOYEEID int,

NAME varchar(10),

Stream varchar(18),

ADDMISSIONYEAR date,

INSTITUTE varchar(15),

UNIVERSITY varchar(25),

YEAROFPASSING int,

PERCENTAGE float(7, 2),

GRADE char(6),

foreign key(EMPLOYEEID) references N2Employee(ID)

);

create table N2HOBBIES (

ID int primary key,

EMPLOYEEID int,

NAME varchar(25),

foreign key(EMPLOYEEID) references N2Employee(ID)

);

create table N2JOBHISTORY (

ID int primary key,

EMPLOYEEID int,

EMPLOYER varchar(20),

FROMDATE date,

TODATE date,

NATURE varchar(50),

foreign key(EMPLOYEEID) references N2Employee(ID)

);