Assignment

Feb19/ DBT/001
Database Technologies
Diploma in Advance Computing
February 2019

Task 1.

1. Create *EMPLOYEE* Relation with following columns using Workbench.

Field Name	Datatype (size)
ID	int primary key
namefirst	varchar(45)
namelast	varchar(45)
dob	date
emailid	varchar(128)

2. Create *DEPARTMENT* Relation with following columns using Workbench.

Field Name	Datatype (size)
ID	int primary key
name	varchar(45)
phone	Varchar(10)

3. Create *PRODUCT* Relation with following columns using Workbench.

Field Name	Datatype (size)
ID	int primary key
name	varchar(45)
manufacturer	varchar(45)

4. Create *REGION* Relation with following columns using Workbench.

Field Name	Datatype (size)
ID	int primary key
name	varchar(45)

5. Create **PHONE** RELATION with following columns using Workbench.

Field Name	Datatype (size)
ID	int primary key
employeeID	Int FOREIGN KEY(`employeeID`) REFERENCES `employee`(`id`)
number	varchar(10)

6. Create **ADDRESS** RELATION with following columns using Workbench.

Field Name	Datatype (size)
ID	int primary key
employeeID	Int FOREIGN KEY(`employeeID`) REFERENCES `employee`(`id`)
address	varchar(128)

7. Create **QUALIFICATIONS** RELATION with following columns using Workbench.

Field Name	Datatype (size)
ID	int primary key
employeeID	Int FOREIGN KEY(`employeeID`) REFERENCES `employee`(`id`)
name	varchar(128)
college	varchar(128)
university	varchar(128)
marks	varchar(45)
year	int

8. Create **SPOUSE** RELATION with following columns using Workbench.

Field Name	Datatype (size)
ID	int primary key
employeeID	Int FOREIGN KEY(`employeeID`) REFERENCES `employee`(`id`)
name	varchar(45)