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 |
| namefirst | varchar(45) |
| namelast | varchar(45) |
| dob | date |
| address | varchar(128) |
| mobile | varchar(10) |
| emailid | varchar(128) |

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

|  |  |
| --- | --- |
| Field Name | Datatype (size) |
| ID | int |
| name | varchar(45) |
| phone | Varchar(10) |

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

|  |  |
| --- | --- |
| Field Name | Datatype (size) |
| ID | int |
| name | varchar(45) |
| manufacturer | varchar(45) |

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

|  |  |
| --- | --- |
| Field Name | Datatype (size) |
| ID | int |
| name | varchar(45) |

**Task 2.**

1. Alter the **EMPLOYEE** relation and add the following fields.
2. Gender char size 1
3. Nationality varchar size 45
4. Photo blob()
5. Alter the **PRODUCTS** relation and add the following fields.
6. Sellingprice float
7. Perishable boolean

**Task 3.**

1. Create ***TEMP\_BOOK*** Relation with following columns using Workbench.

|  |  |
| --- | --- |
| Field Name | Datatype (size) |
| ID | int |
| author | varchar(45) |
| phone | varchar(10) |
| emailID | varchar(45) |
| Address | varchar(128) |

1. Rename the ***TEMP\_BOOK*** to ***BOOK*** Relation.
2. Drop the ***BOOK*** Relation.