

## Assignment

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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)

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

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

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

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

4. 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.
  - a) Gender char size 1
  - b) Nationality varchar size 45
  - c) Photo blob()
2. Alter the **PRODUCTS** relation and add the following fields.
  - a) Sellingprice float
  - b) 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)

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

