Assignment

Task 1.

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

Field Name	Datatype (size)
ID	int primary key auto_increment
namefirst	varchar(45)
namelast	varchar(45)
emailID	Varchar(1024)

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

Field Name	Datatype (size)
ID	int primary key auto_increment
driverID	int FOREIGN KEY(`driverID`) REFERENCES `driver`(`id`)
licenceno	varchar(45)

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

Field Name	Datatype (size)
ID	int primary key auto_increment
driverID	int FOREIGN KEY(`driverID`) REFERENCES `driver`(`id`)
address	varchar(128)

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

Field Name	Datatype (size)
ID	int primary key auto_increment
driverID	int FOREIGN KEY(`driverID`) REFERENCES `driver`(`id`)
number	varchar(128)

5. Create *VEHICLE* Relation with following columns using Workbench.

Field Name	Datatype (size)
ID	int primary key auto_increment
number	varchar(45)
model	varchar(45)
type	varchar(45)
capacity	varchar(45)

6. Create *ONDUTY* Relation with following columns using Workbench.

Field Name	Datatype (size)
ID	int primary key auto_increment
vehicleID	int FOREIGN KEY(`vehicleID`) REFERENCES `vehicle`(`id`)
date	varchar(45)
status	varchar(45)

7. Create *DUTYHISTORY* Relation with following columns using Workbench.

Field Name	Datatype (size)
ID	int primary key auto_increment
vehicleID	int FOREIGN KEY(`vehicleID`) REFERENCES `vehicle`(`id`)
date	date
loginon	date
logouton	date

Task 2.

1. Insert the records in *DRIVER*, *DRIVER_LICENCE*, *DRIVER_ADDRESS*, *DRIVER_PHONE*, and *VEHICLE* relation. Get the data from "infoway_cab.xlsx" file which will be provided to you.

2. Alter the **DRIVER** relation and add the following fields.
   a) Photo blob()