LAB 3 -assignment 2

Auto increment:

```
CREATE TABLE Persons (
        Personid int AUTO_INCREMENT,
        Name varchar(255) NOT NULL,
        Age int,
    PRIMARY KEY (Personid)
);

ALTER TABLE Persons AUTO_INCREMENT=100;
```

```
show variables like 'auto_inc%';
+-------------------------+-------+
| Variable_name           | Value |
+-------------------------+-------+
| auto_increment_increment | 1     |
| auto_increment_offset   | 1     |
+-------------------------+-------+
```
More details of auto_increment

ENUM:
An ENUM is a string object with a value chosen from a list of permitted values that are enumerated explicitly in the column specification at table creation time

```
CREATE TABLE shirts (
    name VARCHAR(40),
    size ENUM('x-small', 'small', 'medium', 'large', 'x-large')
);
```
More details of enum

Running commands from a text file:
Source sql.txt

spool output to a file
tee data.txt;
//SQL sentences...
notee;

Exercise:

Person	shirt
id	id
name	style
	color
	owner

1. Create the above 2 tables such that

   a. column owner references "id" column of person table

   b. Id is an auto incrementing value

   c. Shirts contain values only :polo,dress,t_shirt

   d. Colors contain values only: white,blue,red,orange

2. Load data from text files

3. Set default color of the shirt as 'red'

4. Insert few rows with same name (specifying id for few columns)

5. Add unique constraint on column "name"

6. Add a new column "city" for table person wth default value as "Hyderabad"

7. Print the different combination of shirt and color columns present in the shirt table

8. Modify column "color" such that it accepts new colour "purple"

9. Replace 'purple' and 'white' colors to 'blue'

10. Add unique constraint for combination of 2 columns (style,color)

11. Drop the default constraint on color column defined in question 2

12. Drop the constraint created in question 9