V Sem DBMS – 2019 : Assignment 4:

1. Create database and Five relational tables for your Application;

- *CREATE DATABASE [IF NOT EXISTS] <database name>;*
- *CREATE TABLE [IF NOT EXISTS] `Entity1`, 'Entity2', (`fieldname` dataType [optional parameters]) ENGINE = storage Engine;*
- *CREATE TABLE [IF NOT EXISTS] 'Entity2', (`fieldname` dataType [optional parameters]) ENGINE = storage Engine;*
- *CREATE TABLE [IF NOT EXISTS] 'Entity3','Entity4','entity5' (`fieldname` dataType [AUTO_INCREMENT , NOT NULL]) ENGINE = storage Engine;*
- *CREATE TABLE [IF NOT EXISTS] 'Entity4' (`fieldname` dataType [AUTO_INCREMENT , NOT NULL]) ENGINE = storage Engine;*
- *CREATE TABLE [IF NOT EXISTS] 'Entity5' (`fieldname` dataType [optional parameters]) ENGINE = storage Engine;*

Refer to the syntax if required : CREATE TABLE IF NOT EXISTS `MyFlixDB`.`Members` (`membership_number` INT AUTOINCREMENT , `full_names` VARCHAR(150) NOT NULL `gender` VARCHAR(6) ,`date_of_birth` DATE , `physical_address` VARCHAR(255) ,PRIMARY KEY (`membership_number`) ENGINE = InnoDB;

2. Create result tables for your Application;

*Refer to the syntax if required : SELECT [DISTINCT|ALL] { * | [fieldExpression [AS newName]} FROM tableName [alias] [WHERE condition] [GROUP BY fieldName(s)] [HAVING condition] ORDER BY fieldName(s)*

- *SELECT `Column1`,`Column3`,`Column4` FROM `Entity2`, 'Entity3'
  WHERE Entity1.column2 in Entity2.Column3*
- *SELECT Concat(`column2`, ' (', `testing `, ')') , AS merged `FROM `Entity3`;*