Dept of Computer Science Engineering
Test 1- Thrusday Batch

DRIVER (DCODE, DNAME, DOB, GENDER) [Dcode starts with 'D' Eg: D001]
CITY (CCODE, CNAME)
TRUCK (TRUCKCODE, TTYPE). [TTYPE can take two values ('L','H'), L-Light, H- Heavy]
DRIVE_TRUCK (TRUCKCODE, DCODE, DOT, CCODE) [DOT – Date of Trip]

The driver relation contains the details of the drivers.
The city relation contains the details such as city code and name. Where each ccode uniquely identifies the tuples.
Each truck is assigned a unique truck code. There can be many trucks belonging to the same truck type.
The driver_truck contains the details of the driver who drivers which truck and date of travel in the particular city. It is found that no driver will be allotted with same truck on the same date.

a) Identify the primary keys and foreign keys of the tables. [4]
b) Create the above-mentioned tables and populate the tables accordingly to retrieve the values from the table. [3]
c) Include the constraint as mentioned, the gender of driver is always 'male'. [1]
d) Display the details of the youngest driver [2]
e) Develop a SQL query to list the details of each driver and the number of trips travelled. [2]
f) Develop a SQL query to list the details of drivers who have travelled more than three times in the same city.[3]