**DATA BASE SYSTEM LAB**

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**LAB REPORT: 03**

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| **Batch & Section** | CS (01)-A |
| **Assignment** | DATA BASE SYSTEM LAB |
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**SQL SERVER AND MANAGEMENT STUDIO**

Make database for bike store.

**PROCEDURE:**

* First restart your laptop.
* After restarting download sql server from Microsoft.
* Then search for sql management studio then download after downloading both again restart your laptop for their connections.
* Then make a database for bike store.
* Make tables for store of different categories.
* Then insert data for that tables.
* Select the data from that tables to check information of bike store.

**TABLE DATA:**

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| CREATE TABLE customers(  customer\_id int PRIMARY KEY,  first\_name varchar(100),  last\_name varchar(100),  phone int,  email varchar(200),  street varchar(200),  city varchar(100),  state varchar(100),  zip\_code int,  );  CREATE TABLE staff(  staff\_id int PRIMARY KEY,  first\_name varchar(100),  Last\_name varchar(100),  email varchar(100),  phone int,  active varchar(100),  store\_id int,  manager\_id int,  );  CREATE TABLE orders(  order\_id int PRIMARY KEY,  customer\_id int,  order\_status varchar(100),  order\_date int,  required\_date int,  shipped\_date int,  store\_id int,  staff\_id int,  );  CREATE TABLE stores(  store\_id int PRIMARY KEY,  store\_name varchar(100),  phone int,  email varchar(100),  street varchar(100),  city varchar(100),  state varchar(100),  zip\_code int,  );  CREATE TABLE order\_items(  order\_id int PRIMARY KEY,  item\_id int,  product\_id int,  quantity int,  list\_price int,  discount int,  );  CREATE TABLE categories(  category\_id int PRIMARY KEY,  category\_name varchar(100),  );  CREATE TABLE products(  product\_id int PRIMARY KEY,  product\_name varchar(100),  brand\_id int,  category\_id int,  model\_year int,  list\_price int,  );  CREATE TABLE stocks(  store\_id int PRIMARY KEY,  product\_id int,  quantity int,  );  CREATE TABLE brands(  brand\_id int PRIMARY KEY,  brand\_name varchar(100),  ); |

**INSERTION OF DATA:**

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| select \* from customers;  INSERT INTO customers VALUES('5','MUHAMMAD','ZAIN','034000','zainm@gmil.com','F10','isl','Pak','1000')  INSERT INTO customers VALUES('6','MUHAMMA','ZAINr','04000','zainm@mil.com','F100','isdl','Paki','00')  INSERT INTO customers VALUES('2','MUHAMMD','ZAINw','03000','zainm@gil.com','F1','islb','Paks','000')  INSERT INTO customers VALUES('3','MUHAMAD','ZAINe','03400','zainm@gml.com','F1000','imsl','Pakt','10')  INSERT INTO customers VALUES('4','MUMMAD','ZAINm','0340','zainm@gmi.com','F0','islm','Pakn','100')  select \* from staff;  INSERT INTO staff VALUES('5','MUHAMMAD','ZAIN','zainm@gmil.com','034000','yes','12','1000')  INSERT INTO staff VALUES('6','MUHAMMA','ZAINr','zainm@gmil.com','034000','no','123','0')  INSERT INTO staff VALUES('2','MUHAMMD','ZAINw','zainm@gmil.com','034000','yes','124','00')  INSERT INTO staff VALUES('3','MUHAMAD','ZAINe','zainm@gmil.com','034000','no','125','100')  INSERT INTO staff VALUES('4','MUHMMAD','ZAINm','zainm@gmil.com','034000','yes','126','000')  select \* from orders;  INSERT INTO orders VALUES('011','123','Placed','12222','13333','14322','012','345')  INSERT INTO orders VALUES('012','1253','not Placed','12222','13333','14322','012','345')  INSERT INTO orders VALUES('013','1243','Placed','12222','13333','14322','012','345')  INSERT INTO orders VALUES('014','1233','not Placed','12222','13333','14322','012','345')  INSERT INTO orders VALUES('015','1223','Placed','12222','13333','14322','012','345')  select \* from stores;  INSERT INTO stores VALUES('011','inm','034000','inme@gmil.om','f','isl','pkis','122')  INSERT INTO stores VALUES('0122','inm','034000','inme@gmil.om','g','isl','pkis','12')  INSERT INTO stores VALUES('01222','inm','034000','inme@gmil.om','h','isl','pkis','13')  INSERT INTO stores VALUES('01133','inm','034000','inme@gmil.om','i','isl','pkis','14')  INSERT INTO stores VALUES('01144','inm','034000','inme@gmil.om','j','isl','pkis','15')  select \* from order\_items;  INSERT INTO order\_items VALUES('12','232','405','56','456','54')  INSERT INTO order\_items VALUES('123','234','45','56','456','54')  INSERT INTO order\_items VALUES('122','232','45','56','456','54')  INSERT INTO order\_items VALUES('124','233','45','56','456','54')  INSERT INTO order\_items VALUES('125','213','45','56','456','54')  select \* from categories;  INSERT INTO categories VALUES('011','inm')  INSERT INTO categories VALUES('0101','inmt')  INSERT INTO categories VALUES('0191','inmr')  INSERT INTO categories VALUES('0181','inem')  INSERT INTO categories VALUES('0171','iwnm')  select \* from products;  INSERT INTO products VALUES('012','inm','015','12','2000','123')  INSERT INTO products VALUES('0123','inmt','061','12','2004','234')  INSERT INTO products VALUES('0124','inrm','016','12','2003','124')  INSERT INTO products VALUES('0125','ienm','017','12','2002','134')  INSERT INTO products VALUES('0126','winm','019','12','2001','10234')  select \* from stocks;  INSERT INTO stocks VALUES('123','456','567')  INSERT INTO stocks VALUES('13','4565','6567')  INSERT INTO stocks VALUES('23','4563','5767')  INSERT INTO stocks VALUES('9123','4256','8567')  INSERT INTO stocks VALUES('1823','1456','5697')  select \* from brands;  INSERT INTO brands VALUES('01238','PARACHA')  INSERT INTO brands VALUES('01237','ZAIN')  INSERT INTO brands VALUES('01236','PACHA')  INSERT INTO brands VALUES('01235','RACHA')  INSERT INTO brands VALUES('01243','PARHA') |

**Table for customers:**

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Graphical user interface, application, table, Excel

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**Table for staff:**

Text

Description automatically generated

A picture containing diagram

Description automatically generated

Table

Description automatically generated

**Table for orders:**

Graphical user interface, text, application

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Text

Description automatically generated

Table

Description automatically generated

**Table for stores:**

Graphical user interface, text, application, chat or text message

Description automatically generated

A picture containing text

Description automatically generated

Table

Description automatically generated

**Table for order\_items:**

Graphical user interface, application, chat or text message

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Text

Description automatically generated

Chart

Description automatically generated with medium confidence

**Table for categories:**

Text

Description automatically generated

Text

Description automatically generated with medium confidence

Table

Description automatically generated

**Table for products:**

Text

Description automatically generated

A picture containing diagram

Description automatically generated

Table

Description automatically generated

**Table for stocks:**

Logo, company name

Description automatically generated

Text

Description automatically generated with low confidence

Table

Description automatically generated

**Table for brands:**

Graphical user interface, application, Teams

Description automatically generated

Diagram

Description automatically generated with low confidence

Graphical user interface, table

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**CONCLUSION:**

* In his sql management we have made a bike store database.
* First, we created different tables for different categories in bike store.
* Then we inserted data in the tables of different categories.

**END**