**Laboratory Report   
DeVry University  
College of Engineering and Information Sciences**

**Course Number: DBM405A**

**Professor: Lively**

**Laboratory Number:** 1

**Laboratory Title:** SQL Review

**Submittal Date:** 5/10/2015

Note: There is no limit on how much information you will enter under the three topics below. It is important to be clear and complete with your comments. Like a scientist, you are documenting your progress in this week’s lab experiment.

**Objectives**: In your own words what was this lab designed to accomplish? What was its purpose?

This lab was intended to have us establish creation of a database, add tables into the newly created database, and then populate the tables with data by use of insert statements. Throughout this process we also touched up on common statements such as describe and select to ensure commands were being processed as intended.

**Results:** Discuss the steps you used to complete your lab. Were you successful? What did you learn? What were the results? Explain what you did to accomplish each step. You can include screen shots, code listings, etc. to clearly explain what you did.

I approached each step of the lab point by point, much in the way it is written in the lab instructions. From step 1 in creating the database to step 6 in displaying the data entered. The following code illustrates how each step was achieved:

--1

create database Baseball;

--2

create table Teams (TeamCode char(5), TName char(20), TAddress char(30), TCity char(20),

TState char(2), TZip char(9), Wins integer, Losses integer);

--3

Insert into Teams

(TeamCode, TName, TAddress, TCity, TState, TZip, Wins, Losses)

Values

(12345, 'No Fighters', '5606 Heather Highway', 'Hanai', 'HI', 96753, 7, 3),

(23456, 'Water Bricks', '7185 Pleasant Pike', 'Point Lay', 'ME', 04217, 8, 2),

(34567, 'Vegetables', '777 Umber Inlet', 'New York', 'HI', 96862, 4, 6),

(45678, 'Savages', '738 Little Branch Nook', 'Reduction', 'MI', 48049, 7, 3),

(56789, 'Engorged Bugs', '5006 Amber Spring Wynd', 'Bushnell', 'NC', 27215, 2, 8),

(67890, 'Ozone Champs', '4797 Honey Timber Pathway', 'Salt Lick', 'MT', 59010, 1, 9),

(78901, 'Mighty Streak', '3066 Crystal Shadow Row', 'Pepper Pike', 'HI', 96860, 0, 10),

(89012, 'Lucky Flies', '5609 Sleepy Quail Hollow', 'Nickelplate', 'NC', 28452, 8, 2);

--4

create table Players (FirstName char(20), LastName char(30), MidInit char(1), PAddress char(30),

PCity char(20), PState char(2), PZip char(9), Phone char(11), Team char(5));

--5

Insert into Players

(FirstName, LastName, MidInit, PAddress, PCity, PState, PZip, Phone, Team)

Values

('Noelani', 'Konani', 'K', '7134 Emerald View', 'Hanai', 'HI', 96753, 6816918412, 12345),

('Ekewaka', 'Kanani', 'K', '5206 Sleepy Shadow Harbour', 'Good Grief', 'HI', 90052, 6883467287, 12345),

('Maile', 'Malia', 'M','9599 High Hills Wharf', 'Killam', 'HI', 96712, 6835177700, 12345),

('Leimomi', 'Akamu', 'I', '9782 Fallen Court', 'Moonshine', 'HI', 96842, 6527122331, 12345),

('Kekoa', 'Kimo', 'H','6890 Quiet Estates', 'Hog Landing', 'HI', 93415, 6791532574, 12345),

('Kimo', 'Leimomi', 'K', '9630 Dusty Autumn', 'Sweet Home', 'HI', 99941, 6872601490, 12345),

('Moana', 'Melika', 'K', '4413 Gentle Rise Way', 'Namekagon', 'HI', 96341, 6755311395, 12345),

('Malie', 'Kekepania', 'P', '737 Noble Willow', 'Missisinewa', 'HI', 96799, 6818032432, 12345),

('Moana', 'Makana', 'I', '1682 Merry River Grove', 'Owl Trap', 'HI', 91452, 6819495042, 12345),

('Mele', 'Kamalani', 'K', '3055 Round Common', 'Kinikinik', 'HI', 96644, 6859634672, 12345);

Insert into Players

(FirstName, LastName, MidInit, PAddress, PCity, PState, PZip, Phone, Team)

Values

('Rosie', 'Edwards', 'J', '4808 Jefferson Street', 'Hampton', 'VA', 23666, 7578270611, 23456),

('Dennis', 'McCarthy', 'C', '1991 Concord Street', 'Charlotte', 'NC', 28212, 7045630347, 23456),

('Ronnie', 'Gordon', 'G','1015 Sugarfoot Lane', 'Lafayette', 'IN', 47906, 7654139171, 23456),

('Nicole', 'Joseph', 'P', '3010 Asylum Avenue', 'Stamford', 'CT', 06902, 2037055752, 23456),

('Ronald', 'Creighton', 'K','3963 Skinner Hollow Road', 'Medford', 'OR', 97501, 5417769523, 23456),

('Margaret', 'Orr', 'D', '2972 Caldwell Road', 'Rochester', 'NY', 14613, 5852779778, 23456),

('Robin', 'Russell', 'N', '962 Southern Street', 'Floral Park', 'NY', 11001, 5166161426, 23456),

('Carol', 'Brown', 'J', '4576 Boggess Street', 'Dayton', 'OH', 45406, 9379248971, 23456),

('Nina', 'Frisbie', 'R', '2688 Dogwood Lane', 'Tucson', 'AZ', 85711, 5205847928, 23456),

('Amanda', 'Miller', 'M', '1180 Golden Street', 'Miami', 'FL', 33179, 3056590839, 23456);

Insert into Players

(FirstName, LastName, MidInit, PAddress, PCity, PState, PZip, Phone, Team)

Values

('Joshua', 'Dean', 'J', '3039 Randall Drive', 'Honolulu', 'HI', 96819, 8088567746, 34567),

('David', 'Thomas', 'C', '2072 Rosewood Lane', 'New York', 'NY', 10022, 2129636328, 34567),

('Stacy', 'Heidt', 'J','426 Woodrow Way', 'Huntsville', 'TX', 77340, 9364398699, 34567),

('Diane', 'Cook', 'J', '3067 Maple Avenue', 'Meridian', 'ID', 83642, 2088980195, 34567),

('Jose', 'Anderson', 'M','4135 Bingamon Road', 'Cleveland', 'OH', 44115, 4405845731, 34567),

('Amber', 'Harrison', 'G', '1417 Hart Country Lane', 'Columbus', 'GA', 31901, 7065968824, 34567),

('Kim', 'Clement', 'T', '4537 Wildrose Lane', 'Detroit', 'MI', 48214, 3138226690, 34567),

('Alice', 'Decoteau', 'J', '2877 Ferry Street', 'Huntsville', 'AL', 35816, 2567889110, 34567),

('Susan', 'Rayo', 'T', '3365 Sunset Drive', 'Pine Bluff', 'AR', 71601, 8706329161, 34567),

('Jonathan', 'Drennan', 'C', '2166 Coal Road', 'Pittston', 'PA', 18640, 5706977191, 34567);

Insert into Players

(FirstName, LastName, MidInit, PAddress, PCity, PState, PZip, Phone, Team)

Values

('Ignacio', 'Midkiff', 'D', '3675 Pooh Bear Lane', 'Marietta', 'SC', 29683, 8648367160, 45678),

('Stephanie', 'Jorgenson', 'C', '2228 Hawks Nest Lane', 'Saint Louis', 'MO', 63108, 3147700438, 45678),

('Ginny', 'Hammond', 'R','3841 Diane Street', 'Arroyo Grande', 'CA', 93420, 8054747000, 45678),

('Dewitt', 'Wolfe', 'B', '771 Shady Pines Drive', 'Wytheville', 'VA', 24382, 2762001674, 45678),

('Moses', 'McMillian', 'B','1368 Quincy Street', 'Norristown', 'PA', 19403, 2675155470, 45678),

('Marguerite', 'Henderson', 'D', '1383 Werninger Street', 'Houston', 'TX', 77032, 8326549416, 45678),

('Wilfredo', 'Nolin', 'M', '2527 Laurel Lane', 'Hobbs', 'TX', 88240, 4322973347, 45678),

('Kevin', 'Stover', 'J', '4 Elm Drive', 'Garden City', 'NY', 11530, 6464205323, 45678),

('Josephine', 'Snyder', 'D', '2135 Koontz Lane', 'Los Angeles', 'CA', 90017, 8187967732, 45678),

('Kathy', 'Votaw', 'M', '2109 Rodney Street', 'Saint Louis', 'MO', 63101, 6364872643, 45678);

Insert into Players

(FirstName, LastName, MidInit, PAddress, PCity, PState, PZip, Phone, Team)

Values

('Jose', 'Gilman', 'F', '772 Holly Street', 'Charlotte', 'NC', 28202, 7049796634, 56789),

('Leroy', 'Ross', 'M', '3132 Hilltop Drive', 'Coldwater', 'TX', 79022, 8063776577, 56789),

('Peter', 'Diaz', 'F','2569 Science Center Drive', 'Saint Anthony', 'ID', 83445, 2086240385, 56789),

('Derick', 'Burdick', 'J', '2321 Broadcast Drive', 'Alexandria', 'VA', 22312, 7039412031, 56789),

('Malcom', 'Yokota', 'L','3063 Bryan Avenue', 'Eagan', 'MN', 55121, 6513296846, 56789),

('Sharon', 'Dell', 'J', '3668 Mapleview Drive', 'Winter Haven', 'FL', 33830, 7279351601, 56789),

('Sheena', 'Lavigne', 'G', '876 Wildrose Lane', 'Detroit', 'MI', 48202, 3138706754, 56789),

('Teresa', 'Banks', 'M', '3857 Heavner Court', 'Levittown', 'NY', 11756, 5162514423, 56789),

('Leticia', 'Nelson', 'C', '2281 Havanna Street', 'Sparta', 'NC', 28675, 3363727257, 56789),

('David', 'Swain', 'M', '3338 Jerry Dove Drive', 'Beaufort', 'SC', 29902, 8435220530, 56789);

Insert into Players

(FirstName, LastName, MidInit, PAddress, PCity, PState, PZip, Phone, Team)

Values

('Christina', 'Barksdale', 'M', '4228 Hardman Road', 'Rutland', 'VT', 05701, 8027867742, 67890),

('Richard', 'Harris', 'B', '1009 Ashcraft Court', 'San Diego', 'CA', 92117, 6193413332, 67890),

('Rita', 'Chidester', 'D','1117 Frank Avenue', 'Springfield', 'MA', 01103, 4132058428, 67890),

('Neil', 'Haney', 'C', '4809 Dog Hill Lane', 'Overbrook', 'KS', 66524, 7856652784, 67890),

('Adolph', 'Byard', 'L','3257 Alexander Drive', 'Arlington', 'TX', 76011, 9403673919, 67890),

('Richard', 'Woolverton', 'V', '1832 Hillcrest Lane', 'Irvine', 'CA', 92714, 9497847479, 67890),

('Johnnie', 'Smith', 'M', '2011 Poplar Lane', 'Hialeah', 'FL', 33012, 3055019919, 67890),

('Caryn', 'Garland', 'P', '1790 Jessie Street', 'Worthington', 'OH', 43085, 7406617467, 67890),

('Cora', 'Bellinger', 'N', '3758 Ryan Road', 'Lake Andes', 'SD', 57356, 6054879354, 67890),

('Matthew', 'Nieves', 'A', '3481 Hewes Avenue', 'Baltimore', 'MD', 21201, 4435769279, 67890);

Insert into Players

(FirstName, LastName, MidInit, PAddress, PCity, PState, PZip, Phone, Team)

Values

('Robert', 'Black', 'D', '1779 Yorkshire Circle', 'Rocky Mount', 'NC', 27801, 2523157430, 78901),

('Jessica', 'McMillian', 'J', '4390 Kimberly Way', 'Grand Rapids', 'MI', 49503, 6168904809, 78901),

('Robert', 'Ringo', 'M','3624 Old House Drive', 'Piketon', 'OH', 45661, 7408970275, 78901),

('Kenneth', 'Sweet', 'C', '4326 Green Hill Road', 'Pea Ridge', 'AR', 72751, 4794513247, 78901),

('Michael', 'Herr', 'D','3396 Golf Course Drive', 'Manassas', 'VA', 22110, 7033652130, 78901),

('Julia', 'Cha', 'W', '4354 Marcus Street', 'Gadsden', 'AL', 35901, 2565496211, 78901),

('John', 'Love', 'A', '3945 Tyler Avenue', 'Miami', 'FL', 33179, 3053060880, 78901),

('Martha', 'Schmidt', 'C', '2190 Hood Avenue', 'Carlsbad', 'CA', 92009, 8586633216, 78901),

('Walter', 'Higgins', 'M', '3808 Byers Lane', 'Chico', 'CA', 95928, 5307790384, 78901),

('Jason', 'Sandoval', 'C', '3035 Lowland Drive', 'Cordova', 'IL', 61242, 8154069143, 78901);

Insert into Players

(FirstName, LastName, MidInit, PAddress, PCity, PState, PZip, Phone, Team)

Values

('Rex', 'Heisler', 'D', '834 Farland Street', 'Westborough', 'MA', 01581, 7742493439, 89012),

('Michele', 'Rivera', 'C', '318 Clifford Street', 'Oakland', 'CA', 94612, 5106258621, 89012),

('Roy', 'Smith', 'S','1054 Briarhill Lane', 'Youngstown', 'OH', 44503, 3302331762, 89012),

('Carol', 'Ramirez', 'J', '2143 Junkins Avenue', 'Nashville', 'GA', 31630, 2295436414, 89012),

('Brittany', 'Near', 'F','1772 Bottom Lane', 'Fredonia', 'NY', 14063, 7166790071, 89012),

('Linda', 'Alonzo', 'D', '1508 McVaney Road', 'Forest City', 'NC', 28043, 8282294393, 89012),

('Zachary', 'Brown', 'A', '1622 Five Points', 'Baltimore', 'MD', 21201, 4432182047, 89012),

('Beverly', 'Totten', 'J', '1468 Virginia Street', 'Wheeling', 'IL', 60090, 7735569931, 89012),

('Wayne', 'Cooper', 'S', '3577 Burnside Court', 'Phoenix', 'AZ', 85017, 6023358497, 89012),

('Marie', 'Watkins', 'M', '1071 Wetzel Lane', 'Grand Rapids', 'MI', 49503, 2312499958, 89012);

COMMIT;

SELECT \* from Teams;

SELECT \* from Players;

Throughout the coding process, I checked successful implementation of each step by using appropriate commands such as USE, SHOW, DESCRIBE, SELECT \*

**Conclusions:** After completing this lab, in your own words, what conclusions can you draw from this experience?

My initial impressions of and after this lab are that MySQL is pretty similar in syntax to Oracle (what I am familiar with). What is not exactly the same I can easily look up on the Internet and get a quick answer I can extrapolate into MySQL since I already have an understanding of the syntax. I like the command line interface that MySQL offers, however I am curious to see how MySQL can/may integrate with other languages/programs and what implementations that may allow for. All in all, this lab was very similar to what I’ve done so far with SQL and it was a general recap that got me familiar with the MySQL command line interface and some syntax changes.

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