# Exercise Instructions

1. Type your name and the date into the space provided.
2. Use the SQL Server Management Studio to complete this lab.
3. Write T-SQL statements to query the tables contained in the IST272EagleCorp database and complete each of the exercises in this lab per the directions provided below.
4. Upload and submit before the due date.

# Exercises

1. Write a SELECT INTO statement to copy data from the Employee table into a new table named XX\_SalaryEmployee (use your initials in place of the XX). Only include rows where the SalaryWage is greater than 70 and only include the following columns:

EmployeeID,

LastName,

FirstName,

JobTitle,

BirthDate,

SalaryWage

Paste below the **code** you wrote for exercise 1:

SELECT EmployeeID, LastName, FirstName, JobTitle, BirthDate, SalaryWage

INTO BB\_SalaryEmployee

FROM Employee

WHERE SalaryWage > 70;

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2. Write a SELECT INTO statement to copy data from the Employee table into a new table named XX\_AssemblyEmployee (use your initials in place of the XX). Only include rows where the SalaryWage is less than 71 and the JobTitle is ‘Assembly’ only include the following columns:

EmployeeID,

LastName,

FirstName,

JobTitle,

BirthDate,

SalaryWage

Paste below the **code** you wrote for exercise 2:

SELECT EmployeeID, LastName, FirstName, JobTitle, BirthDate, SalaryWage

INTO BB\_AssemblyEmployee

FROM Employee

WHERE SalaryWage < 71 AND JobTitle LIKE 'Assembly';

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3. Write a SELECT statement to select all of the XX\_AssemblyEmployee records.

Paste below the **code** you wrote and **type the number of rows returned** for exercise 3:

Select \*

FROM BB\_AssemblyEmployee;

18 rows

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4. Write a SELECT statement to select all of the XX\_SalaryEmployeerecords.

Paste below the **code** you wrote and **type the number of rows returned** for exercise 4:

Select \*

FROM BB\_SalaryEmployee;

24 rows

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5. Write an Update statement to increase the SalaryWage values of each engineer salary employee on the XX\_SalaryEmployee table by 8%. Any employee with word ‘Engineer’ in their JobTitle is to get this raise.

Paste below the **code** you wrote for exercise 5:

UPDATE BB\_SalaryEmployee

SET SalaryWage = 1.08 \* SalaryWage

WHERE JobTitle LIKE '%Engineer';

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6. Write an Update statement to increase the SalaryWage values of each employee on the XX\_AssemblyEmployee table by 89 cents.

Paste below the **code** you wrote for exercise 6:

UPDATE BB\_AssemblyEmployee

SET SalaryWage = 0.89 + SalaryWage;

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7. Write a statement to Insert a new record into the XX\_SalaryEmployee table (use your name for LastName and FirstName values, and make up the other values).

Paste below the **code** you wrote for exercise 7:

INSERT INTO BB\_SalaryEmployee (EmployeeID, LastName, FirstName, JobTitle, BirthDate, SalaryWage)

VALUES (101010, 'Bibb', 'Bryan', 'El Jefe', 01/01/2000, 250000);

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8. Write a statement to Insert each row in the XX\_AssemblyEmployee table into the XX\_SalaryEmployee table. Each inserted row should be given a SalaryWage value that is equal to its old SalaryWage \* 40 \* 52.

Paste below the **code** you wrote for exercise 8:

MERGE INTO BB\_SalaryEmployee AS s

USING BB\_AssemblyEmployee AS a

ON s.EmployeeID = a.EmployeeID

WHEN NOT MATCHED THEN

INSERT (EmployeeID, LastName, FirstName, JobTitle, BirthDate, SalaryWage)

VALUES (a.EmployeeID, a.LastName, a.FirstName, a.JobTitle, a.BirthDate, (a.SalaryWage \* 40 \* 52))

;

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9. Write a statement to SELECT all of the XX\_SalaryEmployee records.

Paste below the **code** you wrote **and the run results** you obtained for exercise 9:

SELECT \*

FROM BB\_SalaryEmployee;

43 rows

EmployeeID LastName FirstName JobTitle BirthDate SalaryWage

100001 Manaugh Jim Chief Financial Officer 1978-02-13 00:00:00 95500.00

100103 Bush Rita VP Operations 1980-04-01 00:00:00 85800.00

100104 Abbott Michael Engineer 1977-09-28 00:00:00 68472.00

100106 Eckelman Paul Accountant 1984-10-15 00:00:00 63600.00

100112 Hickman Steven Programmer Analyst 1973-08-25 00:00:00 77600.00

100125 Stevenson Gabrielle Chief Information Officer 1976-11-13 00:00:00 75300.00

100127 Wendling Jason Operations Officer 1978-07-28 00:00:00 75600.00

100200 Zobitz Beth Engineer 1971-11-17 00:00:00 70416.00

100206 Xolo Kathleen VP Finance 1969-12-01 00:00:00 80700.00

100209 Yates Tina Senior Engineer 1972-05-01 00:00:00 189000.00

100330 Gustavel Kristen Operations Officer 1976-10-06 00:00:00 108800.00

100365 Cheswick Sherman President 1968-06-06 00:00:00 125900.00

100488 Osman Jamie Programmer Analyst 1970-02-08 00:00:00 76300.00

100559 Blume Meghan Engineer 1972-06-23 00:00:00 105948.00

100650 Lilley Edna VP Information 1988-01-29 00:00:00 135900.00

100700 Jones Charles DBA 1975-03-26 00:00:00 65600.00

100880 German Gary Chief Sales Officer 1974-02-14 00:00:00 78900.00

100944 Stahley Ryan Engineer 1986-06-20 00:00:00 63288.00

101115 Cochran Steve Assembly Engineer 1980-03-03 00:00:00 156600.00

102200 Voltare John New Products 1994-05-23 00:00:00 145000.00

102202 Shlick James Marketing Manager 1998-07-13 00:00:00 77355.00

102204 Ray Sunny Spokes Person 1999-07-24 00:00:00 67355.00

102206 Tesba George Design 1998-07-15 00:00:00 188455.00

102207 Edaton Michael Design 1996-08-15 00:00:00 189455.00

101010 Bibb Bryan El Jefe 1900-01-01 00:00:00 250000.00

100101 Rosner Joanne Assembly 1975-05-23 00:00:00 35755.20

100120 Nairn Michelle Assembly 1987-06-12 00:00:00 36691.20

100204 Keck David Assembly 1971-02-07 00:00:00 38875.20

100399 Butler Ronald Assembly 1973-01-01 00:00:00 35651.20

100475 Hess Steve Assembly 1974-06-27 00:00:00 38459.20

100550 Roland Allison Assembly 1978-09-08 00:00:00 36899.20

100892 Platt Joseph Assembly 1981-06-18 00:00:00 39187.20

100967 Albregts Nicholas Assembly 1982-10-12 00:00:00 29931.20

100989 Deagen Kathryn Assembly 1973-06-04 00:00:00 37107.20

101030 Moore Kristey Assembly 1982-05-06 00:00:00 34299.20

101045 Ortman Austin Assembly 1981-07-31 00:00:00 36171.20

101088 Underwood Patricha Assembly 1980-09-03 00:00:00 36171.20

101089 Alvarez Melissa Assembly 1991-07-17 00:00:00 30451.20

101097 Brose Jack Assembly 1975-01-07 00:00:00 29411.20

101135 Deppe David Assembly 1984-03-04 00:00:00 32323.20

101154 Hettinger Gregory Assembly 1974-01-20 00:00:00 29931.20

101166 Reece Phil Assembly 1978-05-13 00:00:00 32011.20

102205 Boden John Assembly 1992-07-18 00:00:00 36691.20

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10 Write statements to:

1. DELETE all rows from the XX\_AssemblyEmployee table.
2. DROP the XX\_AssemblyEmployee table. – The syntax is DROP TABLE NameOfTable (not covered in current chapter it is in chapter 11)
3. Drop the XX\_SalaryEmployee table.

Paste below the **code** you wrote for exercise 10:

DELETE FROM BB\_AssemblyEmployee;

DROP TABLE BB\_AssemblyEmployee;

DROP TABLE BB\_SalaryEmployee;

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