

데이터베이스 과제4

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제출날짜:2022-05-10

예제1

```
return true;

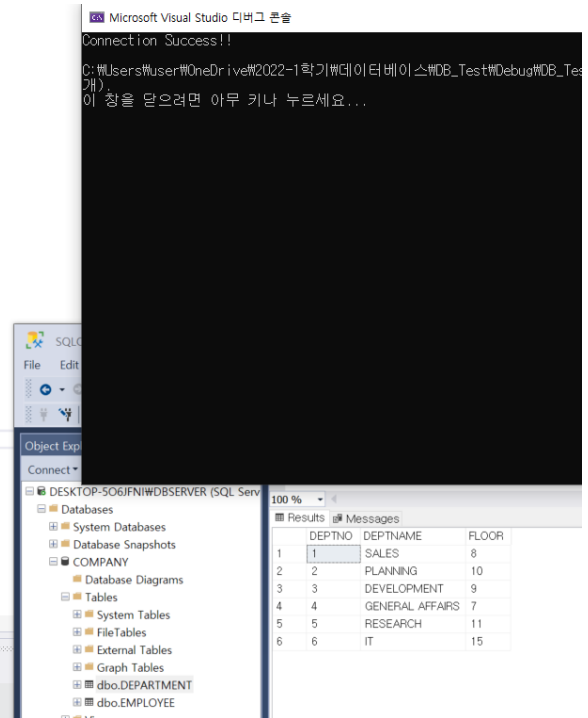
id DBDisconnect()

SQLDisconnect(hDbc);           // Disconnect from the SQL Server
SQLFreeHandle(SQL_HANDLE_DBC, hDbc); // Free the Connection Handle
SQLFreeHandle(SQL_HANDLE_ENV, hEnv); // Free the Environment Handle

t main(int argc, char* argv[])

if (DBConnect() == true) {
    printf("Connection Success!!\n");
    static SQLCHAR query[100];
    SQLHSTMT hStmt;
    if (SQLAllocHandle(SQL_HANDLE_STMT, hDbc, &hStmt) == SQL_SUCCESS) {
        sprintf((char*)query, "INSERT INTO DEPARTMENT VALUES(6, 'IT', 15)");
        SQLExecDirectA(hStmt, query, SQL_NTS);

        SQLCloseCursor(hStmt);
        SQLFreeHandle(SQL_HANDLE_STMT, hStmt);
    }
    DBDisconnect();
}
else {
    printf("Fail to Connect!!\n");
}
return 0;
/*
SQLCHAR query[100];
문제가 검색되지 않음
S: 빌드
시작: 프로젝트: DB_Test, 구성: Debug Win32 -----
*/
```

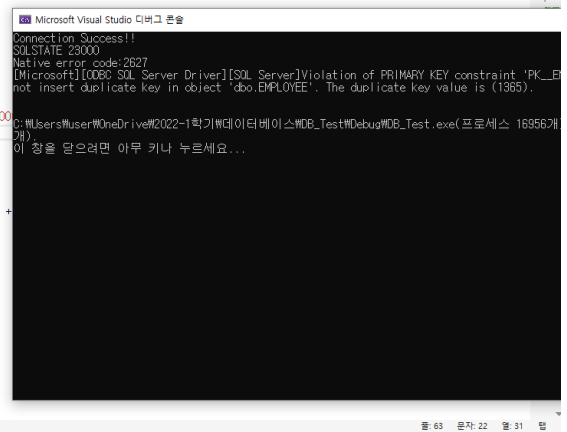


예제2

```
SQLDisconnect(hDbc);           // Disconnect from the SQL Server
SQLFreeHandle(SQL_HANDLE_DBC, hDbc); // Free the Connection Handle
SQLFreeHandle(SQL_HANDLE_ENV, hEnv); // Free the Environment Handle

int main(int argc, char* argv[])
{
    if (DBConnect() == true) {
        printf("Connection Success!!\n");
        static SQLCHAR query[100];
        SQLHSTMT hStmt;
        if (SQLAllocHandle(SQL_HANDLE_STMT, hDbc, &hStmt) == SQL_SUCCESS) {
            sprintf((char*)query, "INSERT INTO EMPLOYEE VALUES(1365, 'S.JEROME', 'STAFF', 3426, 35000);");
            if (SQLExecDirectA(hStmt, query, SQL_NTS) == SQL_ERROR) {
                SQLCHAR buffer[SQL_MAX_MESSAGE_LENGTH + 1];
                SQLINTEGER sqlcode;
                SQLSMALLINT length;
                SQLErrorA(hEnv, hDbc, hStmt, sqlstate, &sqlcode, buffer, SQL_MAX_MESSAGE_LENGTH + 1);
                printf("SQLSTATE %s\n", sqlstate);
                printf("Native error code: %d\n", sqlcode);
                printf("%s\n", buffer);
            }

            SQLCloseCursor(hStmt);
            SQLFreeHandle(SQL_HANDLE_STMT, hStmt);
        }
        DBDisconnect();
    }
    else {
        printf("Fail to Connect!!\n");
    }
}
/*
문제가 검색되지 않음
*/
```



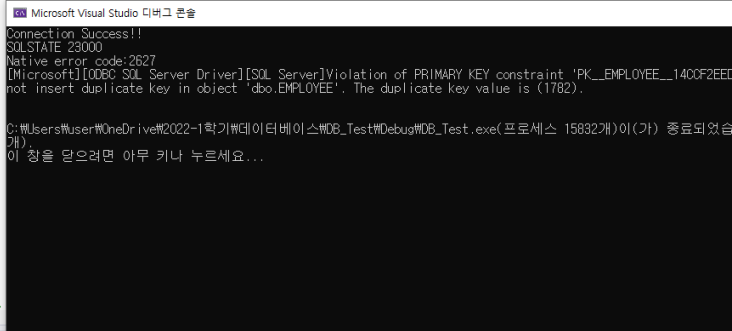
예제3

```
int main(int argc, char* argv[])
{
    if (DBConnect() == true) {
        printf("Connection Success!!\n");
        static SQLCHAR query[100];
        SQLHSTMT hStmt;
        if (SQLAllocHandle(SQL_HANDLE_STMT, hDbc, &hStmt) == SQL_SUCCESS) {
            sprintf((char*)query, "INSERT INTO EMPLOYEE VALUES(1782,'S.JEROME','STAFF',3426,3500000,3)");
            if (SQLExecDirectA(hStmt, query, SQL_NTS) == SQL_ERROR) {
                SQLCHAR buffer[SQL_MAX_MESSAGE_LENGTH + 1];
                SQLINTEGER sqlcode;
                SQLSMALLINT length;
                SQLErrorA(hEnv, hDbc, hStmt, sqlstate, &sqlcode, buffer, SQL_MAX_MESSAGE_LENGTH + 1, &length);
                printf("SQLSTATE %s\n", sqlstate);
                printf("Native error code:%ld\n", sqlcode);
                printf("%s\n\n", buffer);
            }

            SQLCloseCursor(hStmt);
            SQLFreeHandle(SQL_HANDLE_STMT, hStmt);
        }
        DBDisconnect();
    }
    else {
        printf("Fail to Connect!!\n");
    }
    return 0;
}

SQLCHAR empname[10];
SQLCHAR deptname[20];
SQLBindCol(hStmt, 1, SQL_C_CHAR, empname, 10, NULL);
SQLBindCol(hStmt, 2, SQL_C_CHAR, deptname, 20, NULL);

while (SQLFetch(hStmt) != SQL_NO_DATA) {
    printf("%s ", empname);
    printf("%s\n", deptname);
}
}
```



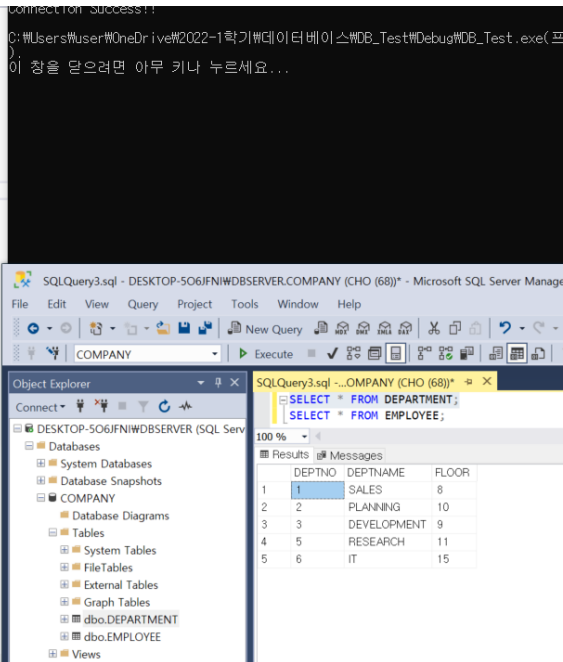
예제4

```
int main(int argc, char* argv[])
{
    if (DBConnect() == true) {
        printf("Connection Success!!\n");
        static SQLCHAR query[100];
        SQLHSTMT hStmt;
        if (SQLAllocHandle(SQL_HANDLE_STMT, hDbc, &hStmt) == SQL_SUCCESS) {
            sprintf((char*)query, "DELETE FROM DEPARTMENT WHERE DEPTNO=4");
            SQLExecDirectA(hStmt, query, SQL_NTS);

            SQLCloseCursor(hStmt);
            SQLFreeHandle(SQL_HANDLE_STMT, hStmt);
        }
        DBDisconnect();
    }
    else {
        printf("Fail to Connect!!\n");
    }
    return 0;
}

SQLCHAR empname[10];
SQLCHAR deptname[20];
SQLBindCol(hStmt, 1, SQL_C_CHAR, empname, 10, NULL);
SQLBindCol(hStmt, 2, SQL_C_CHAR, deptname, 20, NULL);

while (SQLFetch(hStmt) != SQL_NO_DATA) {
    printf("%s ", empname);
    printf("%s\n", deptname);
}
}
```



예제5

```

SQLDisconnect(hDbc); // Disconnect from the SQL Server
SQLFreeHandle(SQL_HANDLE_DBC, hDbc); // Free the Connection Handle
SQLFreeHandle(SQL_HANDLE_ENV, hEnv); // Free the Environment Handle

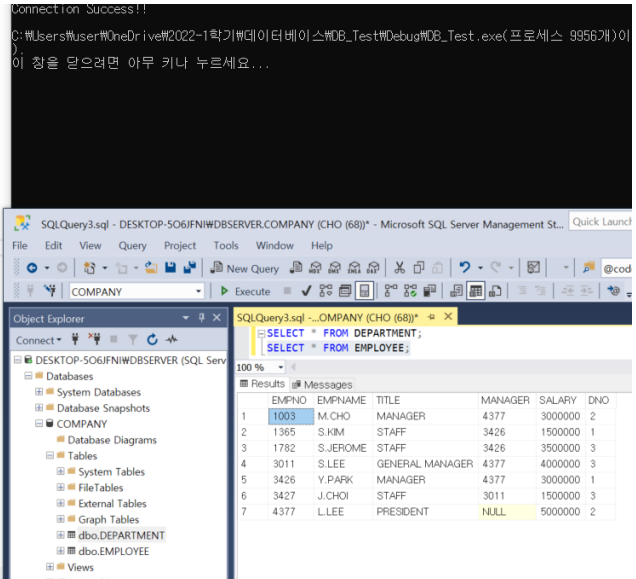
int main(int argc, char* argv[])
{
    if (DBConnect() == true) {
        printf("Connection Success!!\n");
        static SQLCHAR query[100];
        SQLHSTMT hStmt;
        if (SQLAllocHandle(SQL_HANDLE_STMT, hDbc, &hStmt) == SQL_SUCCESS) {
            sprintf((char*)query, "DELETE FROM EMPLOYEE WHERE EMPNAME='C.KIM'");
            SQLExecDirectA(hStmt, query, SQL_NTS);

            SQLCloseCursor(hStmt);
            SQLFreeHandle(SQL_HANDLE_STMT, hStmt);
        }
        DBDisconnect();
    }
    else {
        printf("Fail to Connect!!\n");
    }
    return 0;
}

SQLCHAR empname[10];
SQLCHAR deptname[20];
SQLBindCol(hStmt, 1, SQL_C_CHAR, empname, 10, NULL);
SQLBindCol(hStmt, 2, SQL_C_CHAR, deptname, 20, NULL);

while (SQLFetch(hStmt) != SQL_NO_DATA) {
    printf("%s\n", empname);
}

```



예제6

```

SQLDisconnect(hDbc); // Disconnect from the SQL Server
SQLFreeHandle(SQL_HANDLE_DBC, hDbc); // Free the Connection Handle
SQLFreeHandle(SQL_HANDLE_ENV, hEnv); // Free the Environment Handle

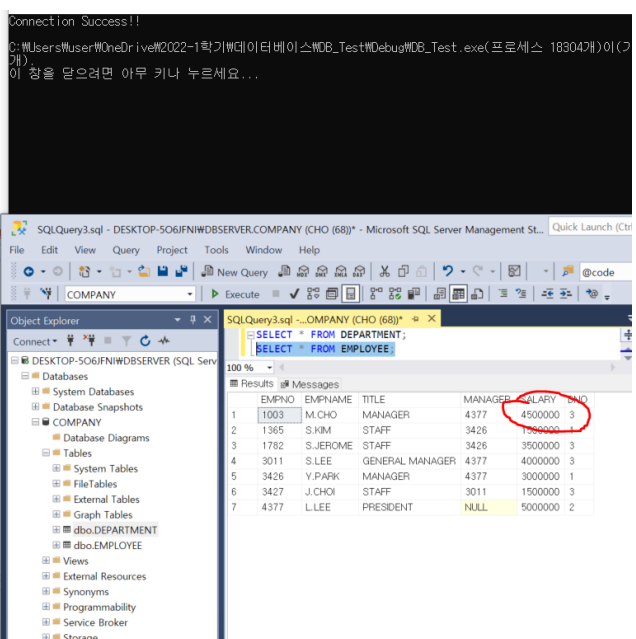
int main(int argc, char* argv[])
{
    if (DBConnect() == true) {
        printf("Connection Success!!\n");
        static SQLCHAR query[100];
        SQLHSTMT hStmt;
        if (SQLAllocHandle(SQL_HANDLE_STMT, hDbc, &hStmt) == SQL_SUCCESS) {
            sprintf((char*)query, "UPDATE EMPLOYEE SET DNO=3, SALARY=SALARY*1.5");
            SQLExecDirectA(hStmt, query, SQL_NTS);

            SQLCloseCursor(hStmt);
            SQLFreeHandle(SQL_HANDLE_STMT, hStmt);
        }
        DBDisconnect();
    }
    else {
        printf("Fail to Connect!!\n");
    }
    return 0;
}

SQLCHAR empname[10];
SQLCHAR deptname[20];
SQLBindCol(hStmt, 1, SQL_C_CHAR, empname, 10, NULL);
SQLBindCol(hStmt, 2, SQL_C_CHAR, deptname, 20, NULL);

while (SQLFetch(hStmt) != SQL_NO_DATA) {
    printf("%s\n", empname);
}

```



예제7

```

10 void Disconnect()
{
    SQLDisconnect(hDbc);           // Disconnect from the SQL Server
    SQLFreeHandle(SQL_HANDLE_DBC, hDbc); // Free the Connection Handle
    SQLFreeHandle(SQL_HANDLE_ENV, hEnv); // Free the Environment Handle
}

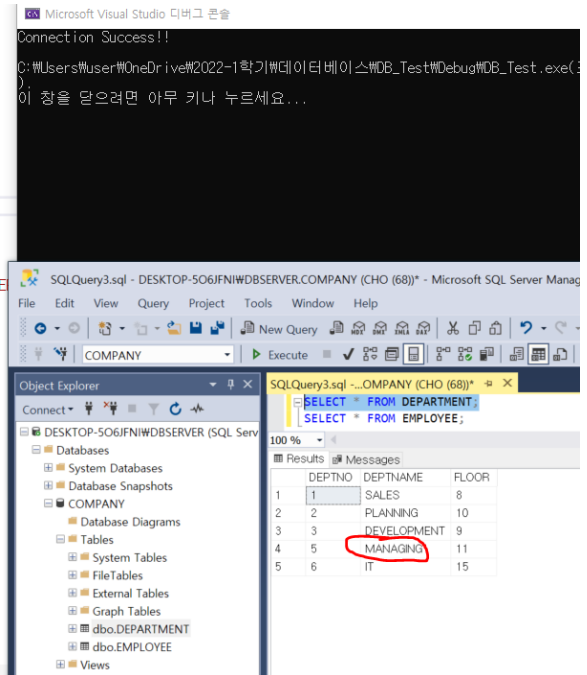
int main(int argc, char* argv[])
{
    if (DBConnect() == true) {
        printf("Connection Success!!\n");
        static SQLCHAR query[100];
        SQLHSTMT hStmt;
        if (SQLAllocHandle(SQL_HANDLE_STMT, hDbc, &hStmt) == SQL_SUCCESS) {
            sprintf((char*)query, "UPDATE DEPARTMENT SET DEPTNAME='MANAGING' WHERE DEPTNO=4");
            SQLExecDirectA(hStmt, query, SQL_NTS);

            SQLCloseCursor(hStmt);
            SQLFreeHandle(SQL_HANDLE_STMT, hStmt);
        }
        DBDisconnect();
    }
    else {
        printf("Fail to Connect!!\n");
    }
    return 0;
}

SQLCHAR empname[10];
SQLCHAR deptname[20];
SQLBindCol(hStmt, 1, SQL_C_CHAR, empname, 10, NULL);
SQLBindCol(hStmt, 2, SQL_C_CHAR, deptname, 20, NULL);

while (SQLFetch(hStmt) != SQL_NO_DATA) {
    printf("%s\n", empname);
}
}

```



예제8

```

10 void Disconnect()
{
    SQLFreeHandle(SQL_HANDLE_DBC, hDbc); // Free the Connection Handle
    SQLFreeHandle(SQL_HANDLE_ENV, hEnv); // Free the Environment Handle
}

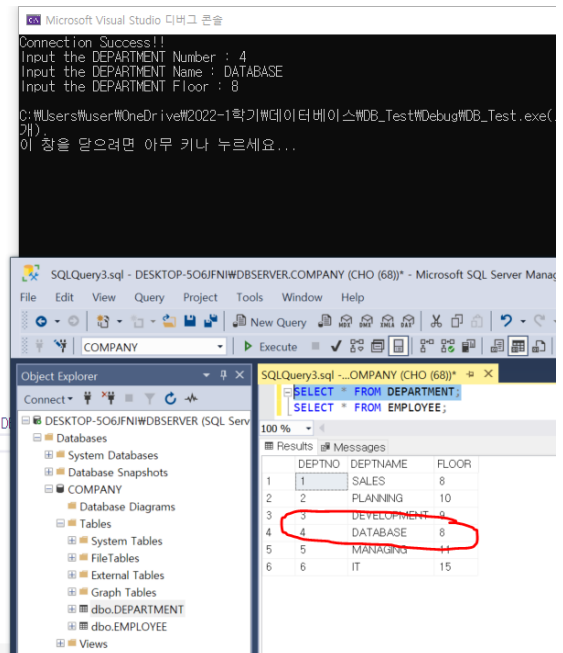
int main(int argc, char* argv[])
{
    if (DBConnect() == true) {
        printf("Connection Success!!\n");
        static SQLCHAR query[100];
        SQLHSTMT hStmt;
        int DEPTNO, FLOOR;
        char deptname[30];

        printf("Input the DEPARTMENT Number : ");
        scanf("%d", &DEPTNO);
        printf("Input the DEPARTMENT Name : ");
        scanf("%s", deptname);
        printf("Input the DEPARTMENT Floor : ");
        scanf("%d", &FLOOR);

        if (SQLAllocHandle(SQL_HANDLE_STMT, hDbc, &hStmt) == SQL_SUCCESS) {
            sprintf((char*)query, "INSERT INTO DEPARTMENT VALUES(%d, '%s', %d)", DEPTNO, deptname, FLOOR);
            SQLExecDirectA(hStmt, query, SQL_NTS);

            SQLCloseCursor(hStmt);
            SQLFreeHandle(SQL_HANDLE_STMT, hStmt);
        }
        DBDisconnect();
    }
    else {
        printf("Fail to Connect!!\n");
    }
    return 0;
}

```



예제9

```
SQLFreeHandle(SQL_HANDLE_DBC, hDbc); // Free the Connection Handle
SQLFreeHandle(SQL_HANDLE_ENV, hEnv); // Free the Environment Handle
}

int main(int argc, char* argv[])
{
    if (DBConnect() == true) {
        printf("Connection Success!!\n");
        static SQLCHAR query[100];
        SQLHSTMT hStmt;
        char new_deptname[20], before_deptname[20];

        printf("Input the Before DEPTNAME : ");
        scanf("%s", before_deptname);
        printf("Input the New DEPTNAME : ");
        scanf("%s", new_deptname);

        if (SQLAllocHandle(SQL_HANDLE_STMT, hDbc, &hStmt) == SQL_SUCCESS) {
            sprintf((char*)query, "UPDATE DEPARTMENT SET DEPTNAME='%s' WHERE DEPTNO='%s'", new_deptname, before_deptname);
            SQLExecDirectA(hStmt, query, SQL_NTS);

            SQLCloseCursor(hStmt);
            SQLFreeHandle(SQL_HANDLE_STMT, hStmt);
        }
        DBDisconnect();
    }
    else {
        printf("Fail to Connect!!\n");
    }
    return 0;
}

/*
SQLCHAR empname[10];
SQLCHAR deptname[20];
*/
```

Microsoft Visual Studio 디버그 콘솔

```
Connection Success!!
Input the Before DEPTNAME : DATABASE
Input the New DEPTNAME : DB
C:\Users\User\OneDrive\2022-1학기\데이터베이스\DB_Test\Debug\DB_Test
이 창을 닫으려면 아무 키나 누르세요...
```

SQLQuery3.sql - DESKTOP-SO6JFIWDBSERVER.COMPANY (CHO (68)) - Microsoft SQL Server Man

File Edit View Query Project Tools Window Help

COMPANY Execute

Object Explorer

Connect

DESKTOP-SO6JFIWDBSERVER (SQL Serv

Databases

- System Databases
- Database Snapshots
- COMPANY
 - Database Diagrams
 - Tables
 - System Tables
 - FileTables
 - External Tables
 - Graph Tables
 - dbo.DEPARTMENT
 - dbo.EMPLOYEE
 - Views
 - External Resources
 - Synonyms
 - Programmability
 - Service Broker

SQLQuery3.sql - ...COMPANY (CHO (68))

```
SELECT * FROM DEPARTMENT;
SELECT * FROM EMPLOYEE;
```

100 %

Results Messages

	DEPTNO	DEPTNAME	FLOOR
1	1	SALES	8
2	2	PLANNING	10
3	3	DEVELOPMENT	9
4	4	DB	8
5	5	MANAGING	11
6	6	IT	15

예제 10

	EMPNO	EMPNAME	TITLE	MANAGER	SALARY	DNO
1	1003	M.CHO	MANAGER	4377	4500000	3
2	1365	S.KIM	STAFF	3426	1500000	1
3	1782	S.JEROME	STAFF	3426	3500000	3
4	3011	S.LEE	GENERAL MANAGER	4377	4000000	3
5	3426	Y.PARK	MANAGER	4377	3000000	1
6	3427	J.CHOI	STAFF	3011	1500000	3
7	4377	L.LEE	PRESIDENT	NULL	5000000	2

```

SQLFreeHandle(SQL_HANDLE_DBC, hDbc); // Free the Connection Handle
SQLFreeHandle(SQL_HANDLE_ENV, hEnv); // Free the Environment Handle
}

int main(int argc, char* argv[])
{
    if (DBConnect() == true) {
        printf("Connection Success!!\n");
        static SQLCHAR query[100];
        SQLHSTMT hStmt;
        char empno[20];

        printf("Input the EMPNO : ");
        scanf("%s", empno);

        if (SQLAllocHandle(SQL_HANDLE_STMT, hDbc, &hStmt) == SQL_SUCCESS) {
            sprintf((char*)query, "DELETE FROM EMPLOYEE WHERE EMPNO = '%s'",
                SQLExecDirectA(hStmt, query, SQL_NTS);

            SQLCloseCursor(hStmt);
            SQLFreeHandle(SQL_HANDLE_STMT, hStmt);
        }
        DBDisconnect();
    }
    else {
        printf("Fail to Connect!!\n");
    }
    return 0;
}
/*
    SQLCHAR empname[10];
    SQLCHAR deptname[20];
    SQLBindCol(hStmt, 1, SQL_C_CHAR, empname, 10, NULL);
    SQLBindCol(hStmt, 2, SQL_C_CHAR, deptname, 20, NULL);
*/

```

Microsoft Visual Studio 디버그 콘솔

Connection Success!!
 Input the EMPNO : 1782

C:\Users\User\OneDrive\2022-1학기\데이터베이스\Debug\DE_Test.exe (프로세스 224가)
 이 창을 닫으려면 아무 키나 누르세요...

SQLQuery3.sql - DESKTOP-506\FN\WDBSERVER\COMPANY (CHO (68)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Connect COMPANY

Object Explorer

- DESKTOP-506\FN\WDBSERVER (SQL Serv
 - Databases
 - System Databases
 - Database Snapshots
 - COMPANY
 - Database Diagrams
 - Tables
 - System Tables
 - File Tables
 - External Tables
 - Graph Tables
 - dbo.DEPARTMENT
 - dbo.EMPLOYEE
 - Views
 - External Resources

SQLQuery3.sql - COMPANY (CHO (68))

SELECT FROM DEPARTMENT;
 SELECT FROM EMPLOYEE;

Results Messages

	EMPNO	EMPNAME	TITLE	MANAGER	SALARY	DNO
1	1003	M.CHO	MANAGER	4377	4500000	3
2	1365	S.KIM	STAFF	3426	1500000	1
3	3011	S.LEE	GENERAL MANAGER	4377	4000000	3
4	3426	Y.PARK	MANAGER	4377	3000000	1
5	3427	J.CHOI	STAFF	3011	1500000	3
6	4377	L.LEE	PRESIDENT	NULL	5000000	2

예제 11

```

if (DBConnect() == true) {
    printf("Connection Success!!\n");
    static SQLCHAR query[100];
    SQLHSTMT hStmt;
    int deptno, floor;
    char deptname[20];

    printf("Input the DEPTNO : ");
    scanf("%d", &deptno);
    printf("Input the DEPTNAME : ");
    scanf("%s", deptname);
    printf("Input the FLOOR : ");
    scanf("%d", &floor);

    if (SQLAllocHandle(SQL_HANDLE_STMT, hDbc, &hStmt) == SQL_SUCCESS) {
        sprintf((char*)query, "INSERT INTO DEPARTMENT VALUES(%d, '%s', %d)", deptno, deptname, floor);
        SQLExecDirectA(hStmt, query, SQL_NTS);

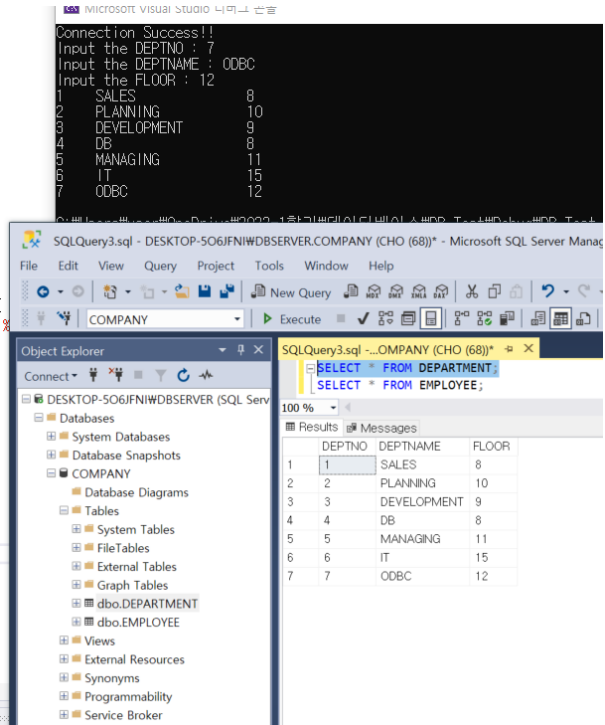
        sprintf((char*)query, "SELECT * FROM DEPARTMENT");
        SQLExecDirectA(hStmt, query, SQL_NTS);

        SQLBindCol(hStmt, 1, SQL_C_LONG, &deptno, 0, NULL);
        SQLBindCol(hStmt, 2, SQL_C_CHAR, deptname, 20, NULL);
        SQLBindCol(hStmt, 3, SQL_C_LONG, &floor, 0, NULL);

        while (SQLFetch(hStmt) != SQL_NO_DATA) {
            printf("%-5d", deptno);
            printf("%-3s", deptname);
            printf("%d\n", floor);
        }

        SQLCloseCursor(hStmt);
        SQLFreeHandle(SQL_HANDLE_STMT, hStmt);
    }
}

```



예제 12

```

SQLCHAR empname[10];
SQLSMALLINT numCols = -1;

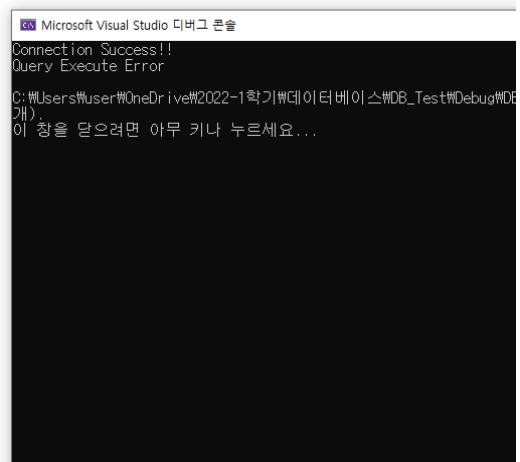
if (SQLAllocHandle(SQL_HANDLE_STMT, hDbc, &hStmt) == SQL_SUCCESS) {
    sprintf((char*)query, "SELECT * FROM DEPARTMENT");
    retcode = SQLExecDirectA(hStmt, query, SQL_NTS);

    if (retcode == SQL_ERROR || retcode == SQL_NO_DATA_FOUND) {
        printf("Query Execute Error\n");
        return -1;
    }

    SQLCloseCursor(hStmt);
    SQLFreeHandle(SQL_HANDLE_STMT, hStmt);
}
DBDisconnect();
}
else {
    printf("Fail to Connect!!\n");
}
return 0;
/*
SQLCHAR empname[10];
SQLCHAR deptname[20];
SQLBindCol(hStmt, 1, SQL_C_CHAR, empname, 10, NULL);
SQLBindCol(hStmt, 2, SQL_C_CHAR, deptname, 20, NULL);

while (SQLFetch(hStmt) != SQL_NO_DATA) {
    printf("%s ", empname);
    printf("%s\n", deptname);
}

```



예제 13

```

SQLHSTMT hStmt;
SQLRETURN retcode;

SQLCHAR ColumnName[30][30];
SQLSMALLINT ColumnNameLen[30];
SQLSMALLINT ColumnDataType[30];
SQLULEN ColumnDataSize[30];
SQLSMALLINT ColumnDataDigits[30];
SQLSMALLINT ColumnDataNullable[30];

SQLSMALLINT numCols = -1;

if (SQLAllocHandle(SQL_HANDLE_STMT, hDbc, &hStmt) == SQL_SUCCESS) {
    sprintf((char*)query, "SELECT * FROM DEPARTMENT");
    retcode = SQLExecDirectA(hStmt, query, SQL_NTS);

    if (retcode == SQL_ERROR || retcode == SQL_NO_DATA_FOUND) {
        printf("Query Execute Error\n");
        return -1;
    }

    SQLNumResultCols(hStmt, &numCols);
    for (int i = 0; i < numCols; i++) {
        SQLDescribeColA(
            hStmt,
            i + 1,
            ColumnName[i],
            30,
            &ColumnNameLen[i],
            &ColumnDataType[i],
            &ColumnDataSize[i],
            &ColumnDataDigits[i],
            &ColumnDataNullable[i]);
    }
}

```

Microsoft Visual Studio 디버그 콘솔

Connection Success!!

Column : 1
Column Name : DEPTNO
Column Name Len : 6
SQL Data Type : 4
Data Size : 10

Column : 2
Column Name : DEPTNAME
Column Name Len : 8
SQL Data Type : 1
Data Size : 20

Column : 3
Column Name : FLOOR
Column Name Len : 5
SQL Data Type : 4
Data Size : 10

C:\Users\User\OneDrive\2022-1학기\데이터베이스\Debug\DebugTest.exe (프로세스 1032개)
이 창을 닫으려면 아무 키나 누르세요...

예제 14

```

void DBDisconnect()
{
    SQLDisconnect(hDbc); // Disconnect from the SQL Server
    SQLFreeHandle(SQL_HANDLE_DBC, hDbc); // Free the Connection Handle
    SQLFreeHandle(SQL_HANDLE_ENV, hEnv); // Free the Environment Handle
}

int main(int argc, char* argv[])
{
    if (DBConnect() == true) {
        printf("Connection Success!!\n");
        static SQLCHAR query[100];
        SQLHSTMT hStmt;

        if (SQLAllocHandle(SQL_HANDLE_STMT, hDbc, &hStmt) == SQL_SUCCESS) {
            sprintf((char*)query, "UPDATE EMPLOYEE SET SALARY=SALARY*1.05 FROM EMPLOYEE");
            SQLExecDirectA(hStmt, query, SQL_NTS);

            SQLCloseCursor(hStmt);
            SQLFreeHandle(SQL_HANDLE_STMT, hStmt);
        }

        DBDisconnect();
    }
    else {
        printf("Fail to Connect!!\n");
    }

    return 0;
}
/*
SQLCHAR empname[10];
SQLCHAR deptname[20];
SQLBindCol(hStmt, 1, SQL_C_CHAR, empname, 10, NULL);
*/

```

Microsoft Visual Studio 디버그 콘솔

Connection Success!!

C:\Users\User\OneDrive\2022-1학기\데이터베이스\Debug\DebugTest.exe (프로세스 12852개)
이 창을 닫으려면 아무 키나 누르세요...

SQLQuery4.sql - DESKTOP-SO6IFNI\WDBSERVER\COMPANY (CHO (63)) - Microsoft SQL Server Management Studio

SELECT * FROM EMPLOYEE;

EMPNO	EMPNAME	TITLE	DNO	SALARY	FLOOR
1003	M.CHO	ASSISTANT MANAGER	1	2000000	NULL
2106	C.KIM	ASSISTANT MANAGER	2	2100000	NULL
3011	S.LEE	GENERAL MANAGER	1	3150000	NULL
3426	Y.PARK	MANAGER	3	2625000	9
3427	J.CHOI	STAFF	3	1500000	9

예제 15

```

{
    SQLDisconnect(hDbc);           // Disconnect from the SQL Server
    SQLFreeHandle(SQL_HANDLE_DBC, hDbc); // Free the Connection Handle
    SQLFreeHandle(SQL_HANDLE_ENV, hEnv); // Free the Environment Handle
}

int main(int argc, char* argv[])
{
    if (DBConnect() == true) {
        printf("Connection Success!!\n");
        static SQLCHAR query[100];
        SQLHSTMT hStmt;

        if (SQLAllocHandle(SQL_HANDLE_STMT, hDbc, &hStmt) == SQL_SUCCESS) {
            sprintf((char*)query, "DELETE PROJECT FROM EMPLOYEE AS E WHERE E\n");
            //DELETE PROJECT FROM EMPLOYEE AS E
            //WHERE E.EMPNO=PROJECT.EMPNO AND E.TITLE <> 'ASSISTANT MANAGER'
            //AND PROJECT.TAKE_TIME<10
            SQLExecDirectA(hStmt, query, SQL_NTS);

            SQLCloseCursor(hStmt);
            SQLFreeHandle(SQL_HANDLE_STMT, hStmt);
        }
        DBDisconnect();
    }
    else {
        printf("Fail to Connect!!\n");
    }
    return 0;
}
/*
    SQLCHAR empname[10];
*/

```

```

Connection Success!!
C:\Users\UserOneDrive\2022-1학기\데이터베이스\Debug\DB_Test.exe(프로젝트)
이 창을 닫으려면 아무 키나 누르세요...

```

SQLQuery4.sql - DESKTOP-506FNIWDBSERVER.COMPANY (CHO (63)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

COMPANY

Execute

Object Explorer

Connect

DESKTOP-506FNIWDBSERVER (SQL Serv

Databases

System Databases

Database Snapshots

COMPANY

Database Diagrams

Tables

System Tables

FileTables

External Tables

Graph Tables

dbo.DEPARTMENT

Views

External Resources

SQLQuery4.sql - COMPANY (CHO (63))

SELECT * FROM PROJECT;

Results Messages

	PRONAME	EMPNO	TAKE_TIME
1	A	2106	10
2	A	3426	11
3	B	1003	6
4	B	3427	15