

```
/**
```

```
* @프로그램:DBCon.java DB 연결
```

```
* @저자 학번:2019212969 이름:강해원
```

```
* @날짜:2021.10.06
```

```
*/
```

```
package com.mycompany.sql401_1;
```

```
import java.sql.Connection;
```

```
import java.sql.DriverManager;
```

```
import java.sql.PreparedStatement;
```

```
import java.sql.ResultSet;
```

```
import java.sql.SQLException;
```

```
import java.sql.Statement;
```

```
public class DBCon {
```

```
    Connection conn=null;
```

```
    Statement stmt=null;
```

```
    PreparedStatement pstmt=null;
```

```
    ResultSet rs=null;
```

```
    String user="khw0426", passwd="1234"; //dalma Oracle 서버 id, pw
```

```
    String Drv= "oracle.jdbc.OracleDriver";
```

```
    String Url= "jdbc:oracle:thin:@dalma.dongguk.ac.kr:1521:stud1";
```

```
    //String Drv = "com.mysql.cj.jdbc.Driver";
```

```
    //String Url = "jdbc:mysql://localhost:3306/univ";
```

```
    //String sql="select * from student";
```

```

/**
 * @param 없음. 반환값 Connection 객체
 */
public Connection getCon(){
    try {
        Class.forName(Drv);
        conn = DriverManager.getConnection(Url, user,passwd);
        // stmt = conn.createStatement();
        // rs = stmt.executeQuery(sql);
    }catch(ClassNotFoundException ex){
        System.out.println("CNF Err1:"+ex.getMessage());
    }catch(SQLException ex){
        System.out.println("SQL Err2:"+ex.getSQLState());
    }
    return conn;
}

```

```

public PreparedStatement getPstmt(String sql){
    try {
        Class.forName(Drv);
        conn = DriverManager.getConnection(Url,user,passwd);
        pstmt = conn.prepareStatement(sql);
        //rs = stmt.executeQuery(sql);
    }catch(ClassNotFoundException ex){
        System.out.println("Err1:"+ex.getMessage());
    }
}

```

```

    }catch(SQLException ex){

        System.out.println("Err2:"+ex.getErrorCode());

    }

    return pstmt;

}

public ResultSet getRS(String sql){

    try {

        Class.forName(Drv);

        conn = DriverManager.getConnection(Url,user,passwd);

        stmt = conn.createStatement();

        rs = stmt.executeQuery(sql);

    }catch(ClassNotFoundException ex){

        System.out.println("Err1: CNFE");

    }catch(SQLException ex){

        System.out.println("Err2:"+ex.getSQLState());

    }

    return rs;

}

}

```