|  |
| --- |
| **2019년 11월 20일 실습보고서** |
| **5조 이름 : 송재원 조윤직 김영준 안정근** |
| **실습자료1 : [DB]** |
| **소스코드** |
| package java\_1120;  import java.sql.\*;  import java.util.Scanner;  import org.mariadb.jdbc.\*;  public class TestMain {  static Scanner *scan*=new Scanner(System.***in***);  Connection conn;  PreparedStatement pstmt;  ResultSet rs;  public static void main(String[] args) {  System.***out***.println("201810754 조윤직");  // **TODO** Auto-generated method stub  TestMain test =new TestMain();  test.connectDB();  //test.registerStudent();  test.printDB();  //test.findDB();  test.closeDB();    }  public void connectDB() {  try {  Class.*forName*("org.mariadb.jdbc.Driver");  conn=DriverManager.*getConnection*("jdbc:mariadb://127.0.0.1:3306/mydb","root","gkduddl");  if(conn !=null) {  System.***out***.println("DB접속 성공");  }  } catch (ClassNotFoundException e) {  // **TODO** Auto-generated catch block  System.***out***.println("JDBC 드라이버 로드 실패");  e.printStackTrace();  }catch(SQLException e) {  System.***out***.println("DB 접속 실패");  e.printStackTrace();    }      }  public void registerStudent() {  System.***out***.println("학생 정보(이름 국어 영어)를 입력해 주세요 : ");  String name =*scan*.next();  int kor =*scan*.nextInt();  int eng =*scan*.nextInt();  *scan*.nextLine();  String sql="insert into student values(?,?,?)";  if(conn!=null) {  try {  pstmt=conn.prepareStatement(sql);  pstmt.setString(1, name);  pstmt.setInt(2, kor);  pstmt.setInt(3, eng);  pstmt.execute();    } catch (SQLException e) {  // **TODO** Auto-generated catch block  e.printStackTrace();  }  }  }  public void printDB() {  String sql="select \* from student";  if(conn!=null) {  try {  pstmt=conn.prepareStatement(sql);  rs=pstmt.executeQuery();  while(rs.next()) {  String name =rs.getString(1);  int kor=rs.getInt(2);  int eng=rs.getInt(3);  System.***out***.println(name+", "+kor+", "+eng);  }  } catch (SQLException e) {  // **TODO** Auto-generated catch block  e.printStackTrace();  }    }  }  public void findDB() {  String sql="select \* from student where name=?";  if(conn!=null) {  try {  pstmt=conn.prepareStatement(sql);  pstmt.setString(1, "이길동");  rs=pstmt.executeQuery();  while(rs.next()) {  String name =rs.getString(1);  int kor=rs.getInt(2);  int eng=rs.getInt(3);  System.***out***.println(name+", "+kor+", "+eng);  }  } catch (SQLException e) {  // **TODO** Auto-generated catch block  e.printStackTrace();  }    }  }  public void closeDB() {    try {  pstmt.close();  conn.close();  rs.close();  System.***out***.println("DBclose");  } catch (SQLException e) {  // **TODO** Auto-generated catch block  e.printStackTrace();  }  }  }  db접속, db수정, db읽기 추가,등등 , |
| **실행결과** |
|  |