**import** java.io.\*;

**import** java.sql.\*;

**import** java.util.StringTokenizer;

**public** **class** Example1 {

 //remember to put the jdbc jar under the $JAVA/.../lib/ext folder!!

 **static** String *url*="jdbc:mysql://localhost/test?user=root";

 **static** Connection *con*;

 **public** **static** **void** **main**(String[] args)

 {

 *myinit*();

 *createTable*();

 *insertData*();

 *getData*();

 // dropTable();

 *myclose*();

 }

 **public** **static** **void** **myinit**()

 {

 **try**

 {

 Class.*forName*("com.mysql.jdbc.Driver");

 }

 **catch** (java.lang.ClassNotFoundException e)

 {

 System.*err*.print("ClassNotFoundException: ");

 }

 **try**

 {

 *con* = DriverManager.*getConnection* (*url*, "root", "XXX");

 DatabaseMetaData md = *con*.getMetaData();

 **if** (md==**null**)

 {

 System.*out*.println("No Database Meta Data");

 }

 **else**

 {

 System.*out*.println("Database Product Name : " +

 md.getDatabaseProductName());

 System.*out*.println("Allowable active connections: "+

 md.getMaxConnections());

 }

 }

 **catch**(SQLException ex) {

 System.*err*.println("SQLException: "+ex.getMessage());

 }

 }

 **public** **static** **void** **createTable**()

 {

 Statement stmt;

 String query="CREATE TABLE `partsupp` ("+

 "`PS\_PARTKEY` int(11) NOT NULL default '0',"+

 "`PS\_SUPPKEY` int(11) NOT NULL default '0',"+

 "`PS\_AVAILQTY` int(11) NOT NULL default '0',"+

 "`PS\_SUPPLYCOST` decimal(10,0) NOT NULL default '0',"+

 "`PS\_COMMENT` varchar(199) NOT NULL default ''"+

 ") COMMENT='TPC-H partsup table'";

 **try**

 {

 stmt = *con*.createStatement();

 stmt.executeUpdate(query);

 stmt.close();

 }

 **catch**(SQLException ex)

 {

 System.*err*.println("SQLException: "+ex.getMessage());

 }

 }

 **public** **static** **void** **insertData**()

 {

 Statement stmt;

 String data =

"2|3|8895|378.49|furiously\_even\_are\_furiously\_regular\_plate|\n" + "2|315|4969|915.27|even\_accounts\_wake\_idle\_instructions\_sleep\_in\_|\n" +

"2|627|8539|438.37|furiously\_even\_pinto\_serve\_about\_the\_ironic\_idea|\n" +

"2|939|3025|306.39|deposits\_to\_the\_final,\_special\_foxes\_detec|\n";

 StringTokenizer rowt = **new** StringTokenizer(data,"\n");

 **try**

 {

 String row;

 String query="";

 String mytoken[] = **new** String[5];

 stmt = *con*.createStatement();

 **int** num\_rows = rowt.countTokens();

 **for**(**int** j=0; j<num\_rows; j++)

 {

 row = rowt.nextToken();

 StringTokenizer st = **new** StringTokenizer(row,"|");

 **for**(**int** i=0; i<5; i++)

 {

 mytoken[i] = st.nextToken();

 }

 query = "INSERT INTO `partsupp` VALUES ('" + mytoken[0]+"','"+mytoken[1]+"','"+mytoken[2]+"','"+mytoken[3]+"','"+mytoken[4]+"')";

 stmt.executeUpdate(query);

 }

 stmt.close();

 }

 **catch**(SQLException ex)

 {

 System.*err*.println("SQLException: "+ex.getMessage());

 }

 }

 **public** **static** **void** **getData**()

 {

 Statement stmt;

 ResultSet res;

 **int** qty;

 **float** cost;

 String query="SELECT PS\_AVAILQTY,PS\_SUPPLYCOST FROM `partsupp`";

 **try**

 {

 stmt = *con*.createStatement();

 res = stmt.executeQuery(query);

 **while**( res.next() )

 {

 qty = res.getInt("PS\_AVAILQTY");

 cost = res.getInt("PS\_SUPPLYCOST");

 System.*out*.println(qty+":"+cost);

 }

 stmt.close();

 }

 **catch**(SQLException ex)

 {

 System.*err*.println("SQLException: "+ex.getMessage());

 }

 }

 **public** **static** **void** **dropTable**()

 {

 Statement stmt;

 String query="DROP TABLE `partsupp`";

 **try**

 {

 stmt = *con*.createStatement();

 stmt.executeUpdate(query);

 stmt.close();

 }

 **catch**(SQLException ex)

 {

 System.*err*.println("SQLException: "+ex.getMessage());

 }

 }

 **public** **static** **void** myclose()

 {

 **try**{

 *con*.close();

 }

 **catch**(SQLException ex) {

 System.*err*.println("SQLException: "+ex.getMessage());

 }

 }

}