ASSIGNMENT 3

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JDBC CONNECTIVITY IN JAVA

**INPUT –**

**import** java.sql.\*;  
  
**public class** Example {  
 **static final** String ***DB\_URL*** = **"jdbc:mysql://localhost/EXAMPLECODE"**;  
 **static final** String ***USER*** = **"guest"**;  
 **static final** String ***PASS*** = **"guest123"**;  
 **static final** String ***QUERY*** = **"SELECT id, first, last, age FROM Employees"**;  
  
 **public static void** main(String[] args) {  
 *// Open a connection* **try**(Connection conn = DriverManager.*getConnection*(***DB\_URL***, ***USER***, ***PASS***);  
 Statement stmt = conn.createStatement();  
 ResultSet rs = stmt.executeQuery(***QUERY***);) {  
 *// Extract data from result set* **while** (rs.next()) {  
 *// Retrieve by column name* System.***out***.print(**"ID: "** + rs.getInt(**"id"**));  
 System.***out***.print(**", Age: "** + rs.getInt(**"age"**));  
 System.***out***.print(**", First: "** + rs.getString(**"first"**));  
 System.***out***.println(**", Last: "** + rs.getString(**"last"**));  
 }  
 } **catch** (SQLException e) {  
 e.printStackTrace();  
 }  
 }  
}

OUTPUT-

C:\>java Example

Connecting to database...

Creating statement...

ID: 100, Age: 18, First: Hammad, Last: Peer

ID: 101, Age: 25, First: john, Last: Shelby

ID: 102, Age: 30, First: Peer, Last: Soub

ID: 103, Age: 28, First: Sumit, Last: Mittal

C:\>