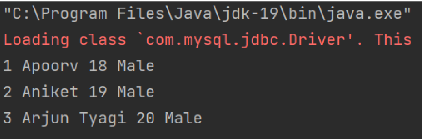
Assignment 9

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Code-package Com.College;  
/\*  
Name: Arjun tyagi  
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Problem Statetment: Write a Java Program demonstrating the database connectivity in java.  
\*/  
import java.sql.Connection;  
import java.sql.DriverManager;  
import java.sql.ResultSet;  
import java.sql.Statement;  
public class As9 {  
 public static void main(String[] args) {  
// JDBC URL, username and password to connect to the database  
 String url = "jdbc:mysql://localhost:3306/jdbcdemo";  
 String username = "root";  
 String password = "1234";  
 try {  
// Load the MySQL JDBC driver class  
 Class.*forName*("com.mysql.jdbc.Driver");  
// Establish a connection to the database using the provided URL, username and password  
 Connection connection = DriverManager.*getConnection*(url, username, password);  
// Create a statement object to execute SQL queries  
 Statement statement = connection.createStatement();  
// Insert a new row into the 'student\_jdbc' table  
 int result = statement.executeUpdate("INSERT INTO student\_jdbc (name, age, gender) VALUES ('Arjun', 19,'Male')");  
// Update an existing row in the 'student\_jdbc' table  
 int result2 = statement.executeUpdate("UPDATE student\_jdbc SET name='Arjun Tyagi', age=20, gender='Male' WHERE id=3");  
// Display the contents of the 'student\_jdbc' table  
 *display*(statement);  
// Close the connection to the database  
 connection.close();  
 }  
 catch (Exception e) {  
// Handle any exceptions that may occur during database connection or query execution  
 System.*out*.println("Where is your MySQL JDBC Driver?" + "\n" + e);  
 e.printStackTrace();  
 return;  
 }  
 }  
 public static void display(Statement statement){  
 try{  
// Execute a SELECT query to retrieve all rows from the 'student\_jdbc' table  
 ResultSet resultSet = statement.executeQuery("SELECT \* FROM student\_jdbc");  
// Iterate over the result set and display the contents of each row  
 while (resultSet.next()) {  
 System.*out*.println(resultSet.getInt(1) + " " + resultSet.getString(2) + " " + resultSet.getInt(3) + " " + resultSet.getStri  
 }  
 } catch (Exception e) {  
// Handle any exceptions that may occur during result set iteration or display  
 System.*out*.println("Error displaying data: " + e.getMessage());  
 }  
 }  
}

Output-

Github-<https://github.com/arjuntyagi19/java_assignment>