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JDBC create table program

```
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.ResultSetMetaData;
import java.sql.Statement;
import java.util.Scanner;



public class DemoCRUD1
{
	public static void main(String[] args)
	{
		//String url="api:vendor://Ip-add/DB-Name";
	String url="jdbc:mysql://localhost:3306/employee";
	String un="root";
	String pwd="";
		try {
			Class.forName("com.mysql.cj.jdbc.Driver");
			System.out.println("Driver Added");
			Connection con=DriverManager.getConnection(url, un,
pwd);
			System.out.println("Connection established");
			//Statement
stmt=con.createStatement(ResultSet.TYPE_SCROLL_SENSITIVE,0);
			String query1="insert into emp(`id`,`name`,`des`,`sa`)
values (?,?,?,?,)";
		PreparedStatement pstmt= con.prepareStatement(query1);
		Scanner sc = new Scanner(System.in);
		System.out.println("Enter Id");
		int id= sc.nextInt();
		System.out.println("Enter Name");
		String name = sc.next();
		System.out.println("Enter Designation");
		String des= sc.next();
		System.out.println("Enter Salary");
		int sa= sc.nextInt();
		pstmt.setInt(1,id);
		pstmt.setString(2,name);
		pstmt.setString(3,des);
		pstmt.setInt(4,sa);
```

```
            pstmt.execute(query1);
            //String query2="insert into emp(`id`,`name`,`des`,`sa`)
values (05,'Ram','CMD',25070)";
            //String query3="insert into emp(`id`,`name`,`des`,`sa`)
values (07,'Sham','CMD',25070)";
                  //String query= "delete from emp where `id`=03";
            /*stmt.addBatch(query1);
            stmt.addBatch(query2);
            stmt.addBatch(query3);
                  stmt.executeBatch();*/
                  //ResultSet res=stmt.executeQuery(query);
                  System.out.println("1 Row affected");
                  /*while(res.next()==true) {
                  System.out.println(res.getInt("id")+" "+
res.getString("name")+" "+res.getString("des")+" "+res.getInt("sa"));
                  }
                  res.first();
                  System.out.println(res.getInt("id")+" "+
res.getString("name")+" "+res.getString("des")+" "+res.getInt("sa"));

                  ResultSetMetaData metaData= res.getMetaData();
                  for(int i=1;i<=metaData.getColumnCount();i++) {
                        System.out.println(metaData.getColumnName(i)+"
"+metaData.getColumnTypeName(i));

                  }*/

            } catch (Exception e) {

                  e.printStackTrace();
            }

      }
}
```

Create Queries

```
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.ResultSetMetaData;
import java.sql.Statement;
```

```
public class Demo
{
	public static void main(String[] args)
	{
		//String url="api:vendor://Ip-add/DB-Name";
	String url="jdbc:mysql://localhost:3306/employee";
	String un="root";
	String pwd="";
		try {
			Class.forName("com.mysql.cj.jdbc.Driver");
			System.out.println("Driver Added");
			Connection con=DriverManager.getConnection(url, un,
pwd);
			System.out.println("Connection established");
			Statement
stmt=con.createStatement(ResultSet.TYPE_SCROLL_SENSITIVE,0);
			String query="select* from emp";
			ResultSet res=stmt.executeQuery(query);
			System.out.println("Query Executed");
			/*while(res.next()==true) {
			System.out.println(res.getInt("id")+" "+
res.getString("name")+" "+res.getString("des")+" "+res.getInt("sa"));
			}
			res.first();
			System.out.println(res.getInt("id")+" "+
res.getString("name")+" "+res.getString("des")+" "+res.getInt("sa"));
			*/
			ResultSetMetaData metaData= res.getMetaData();
			for(int i=1;i<=metaData.getColumnCount();i++) {
				System.out.println(metaData.getColumnName(i)+"
"+metaData.getColumnTypeName(i));

			}

		} catch (Exception e) {

			e.printStackTrace();
		}

	}
}
```