MySqlConnect.java

```
import java.sql.*;
class MysqlCon {
public static void main (String args[]) {
try {

Class.forName("com.mysql.cj.jdbc.Driver");
Connection con = DriverManager.getConnection("jdbc:mysql://
                                localhost:3306/world","root","root");

Statement stmt = con.createStatement();
ResultSet rs = stmt.executeQuery("select * from city");

while(rs.next())
 System.out.println(rs.getInt(1)+" "+rs.getString(2)+" "+
                    rs.getString(3));
Con.close();
}
catch(Exception e) { System.out.println(e);}
}
}
```

InsertPrepared.java

```
import java.sql.*;
import java.util.*;
Class InsertPrepared {
public Static void main(String args []) {
int eid =0;
String ename = new String;
Scanner sc = new Scanner(System.in);
String.out.println("Enter Employee Id:");
while (sc.hasNextInt()) {
   eid = sc.nextInt();
System.out.println("Enter Employee Name:");
   ename = sc.next();
try {
Class.forName("com.mysql.jdbc.Driver");
Connection con = DriveManager.getConnection("jdbc:mysql://
                    localhost:3306/sample", "root", "root");
PreparedStatement stmt = con.prepareStatement("insert into
   emp values(?, ?)");
Stmt.setInt(1, eid);
Stmt.setString(2, ename);
int i = Stmt.executeUpdate(); Sys.out(i+" records inserted");
Con.close(); } catch(Exception e) { Sys.out(e); }
} }
```

Record.java

```
import java.sql.*;
class Record {
public static void main(String args[]) throws Exception {
Class.forName("com.mysql.cj.jdbc.Driver");
Connection con = DriverManager.getConnection("jdbc:mysql://
        localhost:3306/sample", "root", "root");
Statement stmt = con.createStatement(ResultSet.TYPE_SCROLL_SENSITIVE,
        ResultSet.CONCUR_UPDATABLE);
ResultSet rs = stmt.executeQuery("select * from emp");
rs.absolute(1);
System.out.println(rs.getString(1) + " " + rs.getString(2));
con.close();
}}
```

InsertImage.java

```
import java.sql.*;
import java.io.*;
import java.util.*;
public class InsertImage {
public static void main (String[] args) {
String cname = new String();
String path = new String();
Scaner sc = new Scanner(System.in);
System.out.println("Enter country name:");
cname = sc.next();
System.out.println("Enter path");
 path =sc.next();
try {
 Class.forName("com.mysql.jdbc.Driver");
 Connection con= DriverManager.getConnection("jdbc:mysql://localhost:
                                3306/sample", "root", "root");
 PreparedStatement ps = con.prepareStatement("insert into flag values(?,?)
ps.setString(1,cname);
FileInputStream fis = new FileInputStream(path);
ps.setBinaryStream(2, fis, fis.available());
int i = ps.executeUpdate();
System.out.println(i+ " records affected");
 con.close();
} catch (Exception e) { e.printStackTrace(); }
}
}
```

InsertPreparedN.java

```
import java.sql.*;
import java.util.*;
class InsertPreparedN {
public static void main(String args[]) throws SQLException {
 int eid=0;
String ename = new String();
Scanner sc= new Scanner (System.in);
do {
System.out.println("Enter Employee Id:");

//* Same as "InsertPrepared.java"

   with a do while loop and a condition

   for breaking the loop */


   Sys.out.println(i + "records inserted");
   Sys.out.println("Do you want to continue: y/n");
   String s= sc.next();
   if (s.startswith("n"))
   break;
  }
}

while(true);
```

// RetrieveImage

```
import java.sql.*;
import java.io.*;
public class RetrieveImage {
 public static void main(String[] args) {
  try {
 Class.forName("com.mysql.jdbc.Driver");
 Connection con = DriverManager.getConnection(
   "jdbc:mysql://localhost:3306/sample","root","root");
PreparedStatement ps = con.PrepareStatement("select * from flag");
ResultSet rs = ps.executeQuery();
 if (rs.next()) {// now on 1st row
Blob b = rs.getBlob(2) ;// 2 means 2nd column data
 byte barr[]=b.getbytes(1,(int) b.length()); // 1 means first byte
FileOutputStream fout = new FileOutputStream("C:\\Users\\hone\\...");
  fout.write(barr);
  fout.close();
 }// end of if
 System.out.println("ok");
 con.close();
}catch (Exception e) {e.printStackTrace(); }
  }
}
```