create table images(name varchar2(30), file\_size number, data blob);

**Upload a File** :

package p3;

import java.io.File;

import java.io.FileInputStream;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

public class Upload {

public static void main(String[] args) {

try{

Class.forName("oracle.jdbc.driver.OracleDriver");

Connection con = DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe", "system", "manager");

PreparedStatement pst = con.prepareStatement("insert into images values(?,?,?)");

FileInputStream fin = new FileInputStream("E:\\AdvJava\\java.png");

String fileName = "java.png";

int fileSize = fin.available();

pst.setString(1, fileName);

pst.setInt(2, fileSize);

pst.setBinaryStream(3, fin, fin.available());

int count = pst.executeUpdate();

System.out.println(count+" row(s) inserted");

}catch(Exception ex){

System.out.println("Exception Caught: "+ex);

}

}

}

**Download File**:

package p3;

import java.io.FileOutputStream;

import java.io.InputStream;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

public class Download {

public static void main(String[] args) {

try{

Class.forName("oracle.jdbc.driver.OracleDriver");

Connection con = DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe", "system", "manager");

PreparedStatement pst = con.prepareStatement("select \* from images where name=?");

pst.setString(1, "java.png");

ResultSet rs = pst.executeQuery();

if(rs.next()){

String fileName = rs.getString(1);

int fileSize = rs.getInt(2);

InputStream in = rs.getBinaryStream(3);

FileOutputStream out = new FileOutputStream("E:\\AdvJava\\images\\"+fileName);

int i;

while((i=in.read())!=-1){

out.write(i);

}

System.out.println("File Downloaded!\nName: "+fileName+"\nSize: "+fileSize);

in.close();

out.close();

con.close();

}else{

System.out.println("No File Existed");

}

}catch(Exception ex){

System.out.println("Exception Caught: "+ex);

}

}

}