**JDBC**

**1. Program**

importjava.sql.Connection;

importjava.sql.DriverManager;

importjava.sql.Statement;

public class A

{

public static void main(String[]args) throws Exception

{

Class.forName(“oracle.jdbc.driver.OracleDriver”);

Connection con= DriverManager.getConnection(“jdbc:oracle:thin:@localhost:1521:xe”,”system”,”admin”);

Statement stmt = con.createStatement();

stmt.execute(“create table person(sno int, name varchar(90), age int)”);

System.out.println(“done”);

}

}

**2. Program**

importjava.sql.Connection;

importjava.sql.DriverManager;

importjava.sql.Statement;

public class B

{

public static void main(String[]args) throws Exception

{

Class.forName(“oracle.jdbc.driver.OracleDriver”);

Connection con= DriverManager.getConnection(“jdbc:oracle:thin:@localhost:1521:xe”,”system”,”admin”);

Statement stmt = con.createStatement();

stmt.execute(“insert into person values(1,”vijay”,22);

System.out.println(“done”);

}

}

**3. Program**

importjava.sql.Connection;

importjava.sql.DriverManager;

importjava.sql.Statement;

public class C

{

public static void main(String[]args) throws Exception

{

Class.forName(“oracle.jdbc.driver.OracleDriver”);

Connection con= DriverManager.getConnection(“jdbc:oracle:thin:@localhost:1521:xe”,”system”,”admin”);

Statement stmt = con.createStatement();

stmt.execute(“insert into person values(1,”vijay”,22);

stmt.execute(“insert into person values(2,”ram”,24);

stmt.execute(“insert into person values(3,”pawan”,26);

System.out.println(“done”);

}

}

**4. Program**

importjava.sql.Connection;

importjava.sql.DriverManager;

importjava.sql.Statement;

public class D

{

public static void main(String[]args) throws Exception

{

Class.forName(“oracle.jdbc.driver.OracleDriver”);

Connection con= DriverManager.getConnection(“jdbc:oracle:thin:@localhost:1521:xe”,”system”,”admin”);

Statement stmt = con.createStatement();

String s1 = “insert into person values(5, ‘raman’, 45)”;

String s2 = “insert into person values(6, ‘praveen’, 48)”;

stmt.execute(s1);

stmt.execute(s2);

System.out.println(“done”);

}

}

**5. Program**

importjava.sql.Connection;

importjava.sql.DriverManager;

importjava.sql.Statement;

public class EUtil

{

public static Statement getStatement() throws Exception

{

Class.forName(“oracle.jdbc.driver.OracleDriver”);

Connection con= DriverManager.getConnection(“jdbc:oracle:thin:@localhost:1521:xe”,”system”,”admin”);

Statement stmt = con.createStatement();

returnstmt;

}

}

**6. Program**

importjava.sql.Statement;

public class F

{

public static void main(String[]args) throws Exception

{

Statement stmt = EUtil.getStatement();

String s1 = “insert into person values(7,’babu’,33)”;

stmt.execute(s1);

System.out.println(“done”);

}

}

**7. Program**

importjava.sql.Statement;

public class G

{

public static void main(String[]args) throws Exception

{

Statement stmt = EUtil.getStatement();

String s1 = “create table employee(id int,first\_namevarchar(90), last\_namevarchar(90), age int)”;

stmt.execute(s2);

System.out.println(“done”);

}

}

**10. Program**

importjava.io.FileReader;

importjava.io.sql.SQLException;

importjava.sql.Statement;

importjava.util.Properties;

importjava.util.Set;

public class I

{

public static void main(String[]args) throws Exception

{

Statement stmt = EUtil.getStatement();

Properties pr = new Properties();

FileReader fin = new FileReader(“test2.properties”);

pr.load(fin);

Set<String>keys = pr.stringPropertyNames();

String value;

for(String key : keys)

{

value = pr.getProperty(key);

stmt.execute(value);

}

System.out.println(“done”);

}

}

**11. Program**

importjava.io.BufferedReader;

importjava.io.FileReader;

importjava.sql.Statement;

importjava.util.Arrays;

public class K

{

public static void main(String[]args) throws Exception

{

FileReader fin = new FileReader(“test1.txt”);

BufferedReader bin = new BufferedReader(fin); Statement stmt = EUtil.getStatement();

String s1 = bin.readLine();

String s2[],sql;

while(s1 != null)

{

s2 = s1.split(“\\|”);

sql = “insert into employee values(“+s2[0].trim()+”,’”+s2[1].trim()+”’,”’+s2[2].trim() + ”’,”’+s2[3].trim()+”)”;

stmt.execute(sql);

s1 = bin.readLine();

}

System.out.println(“done”);

}

}

**12. Program**

importjava.sql.Statement;

public class L

{

public static void main(String[]args) throws Exception

{

Statement stmt = EUtil.getStatement();

String s1 = “update employee set first\_name = ‘changed’ where id= 8”;

stmt.execute(s1);

System.out.println(“done”);

}

}

**13. Program**

importjava.sql.Statement;

public class M

{

public static void main(String[]args) throws Exception

{

Statement stmt = EUtil.getStatement();

String s1 = “insert into person values(100,’abc’,33);

String s2 = “insert into person values(100,’abc’,’b’,33);

String s3 = “update person set name=’hello’ where sno= 3”;

String s4 = “delete from employee where id= 5”;

stmt.execute(s1);

stmt.execute(s2);

stmt.execute(s3);

stmt.execute(s4);

System.out.println(“done”);

}

}

**14. Program**

importjava.sql.ResultSet;

importjava.sql.Statement;

public class N

{

public static void main(String[]args) throws Exception

{

String s1 = “select \*from person”;

Statement stmt = EUtil.getStatement();

ResultSetrs = stmt.executeQuery(s1);

while(rs.next())

{

System.out.println(rs.getlnt(“sno”));

System.out.println(rs.getString(“name”));

System.out.println(rs.getlnt(“age”));

System.out.println(“--------------”);

}

}

}

**15. Program**

importjava.sql.ResultSet;

importjava.sql.Statement;

public class O

{

public static void main(String[]args) throws Exception

{

String sql = “select \*from employee”;

Statement stmt = EUtil.getStatement();

ResultSetrs = stmt.executeQuery(sql);

while(rs.next())

{

System.out.println(rs.getlnt(1));

System.out.println(“,”+rs.getString(2));

System.out.println(rs.getString(3));

System.out.println(rs.getlnt(4));

}

}

}

**16. Program**

importjava.sql.ResultSet;

importjava.sql.Statement;

public class P

{

public static void main(String[]args) throws Exception

{

String s1 = “select \*from person”;

Statement stmt = EUtil.getStatement();

ResultSetrs = stmt.executeQuery(sql);

while(rs.next())

{

System.out.println(rs.getString(1));

System.out.println(rs.getString(2));

System.out.println(rs.getString(3));

}

}

}

**17. Program**

importjava.sql.ResultSet;

importjava.sql.Statement;

public class Q

{

public static void main(String[]args) throws Exception

{

String s1 = “select \*from person”;

Statement stmt = EUtil.getStatement();

ResultSetrs = stmt.executeQuery(s1);

while(rs.next())

{

System.out.println(rs.getString(“id”));

System.out.println(“,”+rs.getString(“first name”));

System.out.println(“,”+rs.getString(3));

System.out.println(“,”+rs.getString(4));

}

}

}

**18. Program**

importjava.sql.ResultSet;

importjava.sql.Statement;

public class R

{

public static void main(String[]args) throws Exception

{

Statement stmt = EUtil.getStatement();

String s1 = “select first\_name, id, age from employee”;

ResultSetrs = stmt.executeQuery(s1);

while(rs.next())

{

System.out.println(rs.getString(1));

System.out.println(“,”+rs.getInt(2));

System.out.println(“,”+rs.getInt(3));

}

}

}

**19. Program**

importjava.sql.ResultSet;

importjava.sql.Statement;

public class S

{

public static void main(String[]args) throws Exception

{

String s1 = “select \*from person where sno = 300”;

Statement stmt = EUtil.getStatement();

ResultSetrs = stmt.executeQuery(s1);

boolean flag = true;

while(rs.next())

{

if(flag)

{

flag = false;

}

System.out.println(rs.getInt(“sno”));

System.out.println(“,”+rs.getString(“name”));

System.out.println(“,”+rs.getInt(“age”));

}

if(flag)

{

System.out.println(“no record available to your search”);

}

}

}

**20. Program**

importjava.sql.ResultSet;

importjava.sql.Statement;

public class T

{

public static void main(String[]args) throws Exception

{

String s1 = “select \*from employee where first\_name like ‘%b%’”;

Statement stmt = EUtil.getStatement();

ResultSetrs = stmt.executeQuery(s1);

boolean flag = true;

while(rs.next())

{

if(flag)

{

flag = false;

}

System.out.println(rs.getInt(“id”));

System.out.println(“,”+rs.getString(“first\_name”));

System.out.println(“,”+rs.getString(“last\_name));

System.out.println(“,”+rs.getString(“age”));

}

if(flag)

{

System.out.println(“no record available to your search”);

}

}

}

**21. Program**

importjava.sql.ResultSet;

importjava.sql.Statement;

importjava.util.scanner;

public class U

{

public static void main(String[]args) throws Exception

{

Statement stmt = EUtil.getStatement();

Scanner sc = new Scanner(System.in);

ResultSetrs = null;

String key,sql,decider;

do

{

System.out.println(“enter search key”);

key = sc.next();

sql = “select \*from employee where first\_name like ‘%”+key+”%’ or last\_name like ‘%”+key+”%’ or last\_name like ‘%” + key + “%’”;

rs = stmt.executeQuery(sql);

boolean flag = true;

while(rs.next())

{

if(flag)

{

flag = false;

System.out.println(“search Result to “ + key);

System.out.println(“==============”);

}

System.out.println(rs.getInt(“id”));

System.out.println(“,”+rs.getString(“first name”));

System.out.println(“,” +rs.getString(“last name”));

System.out.println(“,” +rs.getInt(“age”));

}

if(flag)

{

System.out.println(“no result found to:” + key);

}

System.out.println(“search again(y/n)?”);

decider = sc.next();

}

while(“y”.equal(decider))

System.out.println(“end of the game”);

}

}