

```

package com.sxt.ORM;

import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.util.ArrayList;
import java.util.List;

/**
 * 测试使用javabean来封装一条记录
 * 使用List<javabean>存储多条记录
 */

public class Demo03 {
    public static void main(String[] args) {
        //获取连接对象
        Connection conn=JDBCUtil.getMysqlConn();
        PreparedStatement ps=null;
        ResultSet rs=null;
        Emp emp=null;
        List<Emp> list=new ArrayList<>();
        try {
            ps = conn.prepareStatement("select empname,salary,age from emp ");
            rs = ps.executeQuery();

            while(rs.next()){
                emp=new Emp(rs.getString(1),rs.getDouble(2),rs.getInt(3));
                list.add(emp);
            }

            for(Emp temp:list){
                System.out.println(temp.getEmpname()+"--"+temp.getSalary()+"--"
"+temp.getAge());
            }
        } catch (SQLException e) {
            e.printStackTrace();
        }finally {
            JDBCUtil.close(rs, ps, conn);
        }
    }
}

```

```
package com.sxt.ORM;
```

```
import java.sql.Date;
```

```
public class Emp { //表结构和类对应
```

```
    private Integer id;  
    private String empname;  
    private Integer age;  
    private Double salary;  
    private Date birthday;
```

```
    public Emp(String empname, Integer age, Double salary, Date birthday, Integer  
deptId) {
```

```
        this.empname = empname;  
        this.age = age;  
        this.salary = salary;  
        this.birthday = birthday;  
        this.deptId = deptId;  
    }
```

```
    public Emp(Integer id, String empname, Integer age, Double salary, Date  
birthday, Integer deptId) {
```

```
        this.id = id;  
        this.empname = empname;  
        this.age = age;  
        this.salary = salary;  
        this.birthday = birthday;  
        this.deptId = deptId;  
    }
```

```
    public Emp(String empname, Double salary,Integer age) {
```

```
        this.empname = empname;  
        this.age = age;  
        this.salary = salary;  
    }
```

```
    public Emp(){}
```

```
    public Integer getId() {
```

```
        return id;  
    }
```

```
    public void setId(Integer id) {
```

```
        this.id = id;  
    }
```

```
public String getEmpname() {  
    return empname;  
}  
  
public void setEmpname(String empname) {  
    this.empname = empname;  
}  
  
public Integer getAge() {  
    return age;  
}  
  
public void setAge(Integer age) {  
    this.age = age;  
}  
  
public Double getSalary() {  
    return salary;  
}  
  
public void setSalary(Double salary) {  
    this.salary = salary;  
}  
  
public Date getBirthday() {  
    return birthday;  
}  
  
public void setBirthday(Date birthday) {  
    this.birthday = birthday;  
}  
  
public Integer getDeptId() {  
    return deptId;  
}  
  
public void setDeptId(Integer deptId) {  
    this.deptId = deptId;  
}  
  
private Integer deptId;  
  
}
```

package com.sxt.ORM;

```
public class Dept {
    private Integer id;
    private String dname;
    private String address;

    public Dept(Integer id, String dname, String address) {
        this.id = id;
        this.dname = dname;
        this.address = address;
    }

    public Dept(String dname, String address) {
        this.dname = dname;
        this.address = address;
    }

    public Dept(){

    }

    public Integer getId() {
        return id;
    }

    public void setId(Integer id) {
        this.id = id;
    }

    public String getDname() {
        return dname;
    }

    public void setDname(String dname) {
        this.dname = dname;
    }

    public String getAddress() {
        return address;
    }

    public void setAddress(String address) {
        this.address = address;
    }
}
```