**Employee.java:**

**package** exam;

**public** **class** Employee {

**private** String empid;

**private** String ename;

**private** String dept;

**private** String desig;

**private** String email;

**public** Employee()

{

}

**public** Employee(String empid, String ename, String dept, String desig, String email) {

**super**();

**this**.empid = empid;

**this**.ename = ename;

**this**.dept = dept;

**this**.desig = desig;

**this**.email = email;

}

**public** String getEmpid() {

**return** empid;

}

**public** **void** setEmpid(String empid) {

**this**.empid = empid;

}

**public** String getEname() {

**return** ename;

}

**public** **void** setEname(String ename) {

**this**.ename = ename;

}

**public** String getDept() {

**return** dept;

}

**public** **void** setDept(String dept) {

**this**.dept = dept;

}

**public** String getDesig() {

**return** desig;

}

**public** **void** setDesig(String desig) {

**this**.desig = desig;

}

**public** String getEmail() {

**return** email;

}

**public** **void** setEmail(String email) {

**this**.email = email;

}

}

EmployeeDao.java:

**package** exam;

**import** java.util.List;

**public** **interface** EmployeeDao {

**public** List<Employee> getEmployee();

}

EmployeeDaoImpl.java:

package exam;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.util.List;

import org.springframework.jdbc.core.JdbcTemplate;

import org.springframework.jdbc.core.RowMapper;

public class EmployeeDaoImpl implements EmployeeDao {

private JdbcTemplate jdbcTemplate;

public void setJdbcTemplate(JdbcTemplate jdbcTemplate)

{

this.jdbcTemplate = jdbcTemplate;

}

@Override

public List<Employee> getEmployee() {

// TODO Auto-generated method stub

String sql="select \* from employ";

List<Employee> list=jdbcTemplate.query(sql,new RowMapper<Employee>()

{

public Employee mapRow(ResultSet rs,int rowNum) throws SQLException

{

Employee e=new Employee();

e.setEmpid(rs.getString("empid"));

e.setEname(rs.getString("ename"));

e.setDept(rs.getString("dept"));

e.setDesig(rs.getString("desig"));

e.setEmail(rs.getString("email"));

return e;

}

});

return list;

}

}

TestEmployee.java:

**package** exam;

**import** java.util.Iterator;

**import** java.util.List;

**import** org.springframework.context.ApplicationContext;

**import** org.springframework.context.support.ClassPathXmlApplicationContext;

**public** **class** TestEmployee {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

ApplicationContext ctx=**new** ClassPathXmlApplicationContext("applicationcontext.xml");

EmployeeDaoImpl dao=(EmployeeDaoImpl)ctx.getBean("edaoimpl");

List<Employee> employee =dao.getEmployee();

Iterator<Employee> itr=employee.iterator();

**for**(Employee e:employee)

{

System.***out***.println(e.getEname()+" | " +e.getEmpid()+" | "+e.getDept()+" | "+e.getDesig()+" | "+e.getEmail());

}

dao.getEmployee();

}

}

Applicationcontext.xml:

<?xml version=*"1.0"* encoding=*"UTF-8"*?>

<beans

xmlns=*"http://www.springframework.org/schema/beans"*

xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"*

xmlns:p=*"http://www.springframework.org/schema/p"*

xsi:schemaLocation=*"http://www.springframework.org/schema/beans*

*http://www.springframework.org/schema/beans/spring-beans-3.0.xsd"*>

<bean id=*"ds"* class=*"org.springframework.jdbc.datasource.DriverManagerDataSource"*>

<property name=*"driverClassName"* value=*"com.mysql.cj.jdbc.Driver"* />

<property name=*"url"* value=*"jdbc:mysql://localhost:3306/cts"* />

<property name=*"username"* value=*"root"* />

<property name=*"password"* value=*"root"* />

</bean>

<bean id=*"jdbcTemplate"* class=*"org.springframework.jdbc.core.JdbcTemplate"*>

<property name=*"dataSource"* ref=*"ds"*></property>

</bean>

<bean id=*"edaoimpl"* class=*"exam.EmployeeDaoImpl"*>

<property name=*"jdbcTemplate"* ref=*"jdbcTemplate"*></property>

</bean>

</beans>

Output:



