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Semester: 5

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**Practical 8:Select record from database**

**Objective:** Using JSP to select record from a database.

**Create table guru\_testin the database named as GuruTestas the following on MYSQL prompt:**

Mysql> use GuruTest;

MySql> create table guru\_test(

Emp\_idint NOT NULL,

Emp\_namevarchar(11), );

Once you execute this you get the following:

Query OK, 0 rows affected(0.10 sec)

MySQl> select \* from guru\_test;

Query OK, 0 rows affected(0.10 sec)

**INSERTING RECORDS:**

MySql>INSERT INTO `couch\_tomato\_db`.`guru\_test` (`emp\_id`, `emp\_name`) VALUES ('1', 'guru emp1');

Query OK, 1 row affected (0.05 sec)

MySQL>INSERT INTO `couch\_tomato\_db`.`guru\_test` (`emp\_id`, `emp\_name`) VALUES ('2', 'guru emp2');

Query OK, 1 row affected (0.05 sec)

**FETCHING RECORDS FROM THE DATABASE USING SELECT:**

<%@ page import="java.io.\*,java.util.\*,java.sql.\*"%>

<%@ page import="javax.servlet.http.\*,javax.servlet.\*" %>

<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c"%>

<%@ taglib uri="http://java.sun.com/jsp/jstl/sql" prefix="sql"%>

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "<http://www.w3.org/TR/html4/loose.dtd>">

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>Guru Database JSP1</title>

</head>

<body>

<sql:setDataSource var="snapshot" driver="com.mysql.jdbc.Driver"

url="jdbc:mysql://localhost/GuruTest"

user="gururoot" password="guru"/>

<sql:query dataSource="${snapshot}" var="result">

SELECT \* from guru\_test;

</sql:query>

<table>

<tr>

<th>Guru ID</th>

<th>Name</th>

</tr>

<c:forEach var="row" items="${result.rows}">

<tr>

<td><c:out value="${row.emp\_id}"/></td>

<td><c:out value="${row.emp\_name}"/></td>

</tr>

</c:forEach>

</table>

</body>

</html>