**Lab 10: Map**

***Goals***

***At the end of this lab session, you will be able to:***

*** Use Map interface***

*** Use Collections***

*** Use Generics with Collection Classes***

**** 120 minutes**

**Lab 10**

**10.1:** Modify the lab previous interface **assignment Day 8(given at the end)** to accept multiple employee details and store all employee objects in a HashMap. The functionalities need to be implemented are:

**i) Add employee details to HashMap.**

**ii) Accept insurance scheme from user and display employee details based on Insurance scheme**

**iii) Delete an employee details from map.**

**iv) Sort the employee details based on salary and display it.**

**Note: Use generics and Comparable/comparator interface.**

Sample code Snippet of EmployeeServiceImpl class:

***public class EmployeeServiceImpl {***

***HashMap<String,Employee> list = new HashMap<String,Employee>();***

***public void addEmployee(Employee emp) {***

***//code to add employee***

***}***

***public boolean deleteEmployee(int empId) {***

***// code to delete a employee whose id is passed as parameter***

***}***

***public void updateEmployee(Employee emp) {***

***//code to update employee***

***}***

***public void searchEmployee(int empId) {***

***//code to Search employee***

***}***

………………..

**Day08\_assign2\_Interface**

