

## Lab3

### **This lab is to be completed individually**

This lab is for you to understand “equals, compareTo and compare” methods of java. You need to compare Employee records based on ID and Names.

### **What to do?**

Create Employee class with ID and Name as variables

Implement Getters, Setters and toString methods in a class.

Compare student records first based on Names. If Names are same then compare based on IDs.

You need to implement Equals, compareTo and compare methods. Use Comparable and Comparator interfaces.

**You must create single Employee class and implement all three methods in one class.**

### **Program input**

Your program should accept Name and ID as input from user.

### **Program output**

Your program should compare two employees and give output accordingly.

Make your own test cases to test the program.

### **What to turn in?**

- For local students and if possible Internet section students, demo your program during lab and submit a final copy of your source code on blackboard before the assigned due date.
- For students in India submit a copy of your source code on blackboard before the assigned due date.