**Assignment-4:**

import java.util.Collections;

import java.util.Comparator;

import java.util.LinkedList;

Class Employee implements Comparable<Employee> {

int id;

String name;

int salary;

Public Employee(int id, String name, int salary) {

This.id = id;

This.name = name;

This.salary = salary;

}

@Override

Public int compareTo(Employee other) {

if (this.name.compareTo(other.name) == 0) {

Return this.salary – other.salary;

}

Return this.name.compareTo(other.name);

}

@Override

Public String toString() {

Return this.id + “ “ + this.name + “ “ + this.salary;

}

}

Public class LinkedListSortingExample {

Public static void main(String[] args) {

LinkedList<Employee> linkedList = new LinkedList<>();

linkedList.add(new Employee(1, “Meet”, 32));

linkedList.add(new Employee(5, “Jhon”, 11));

linkedList.add(new Employee(2, “Sham”, 92));

linkedList.add(new Employee(3, “William”, 86));

linkedList.add(new Employee(4, “Harry”, 35));

Collections.sort(linkedList);

System.out.println(“Sorted List:”);

For (Employee employee : linkedList) {

System.out.println(employee);

}

}

}