The estimated budget is calculated based on the salary per hour of each employee, from startDate to endDate. We make assumption that the noOfLeavingDay and noOfTravelDay are zero.

This override method returns a list of employees by ascending order.

Project

-projectId : String
-startDate : Date
-endDate : Date
-listOfEmployee : ArrayList<Employee>

+estimateBudget() : Integer
+toString() : String

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Employee

-employeeId : String
-employeeName : String
-salaryPerHour : Integer
-noOfLeavingDay : Integer
-noOfTravelDay : Integer

+calculateWeeklySalary() : Integer
+compareTo(obj : Employee) : int
+toString() : String

noOfLeavingDay is the number of leaving days in a week.

noOfTravelDay is the number of travel days in a week.

Weekly Salary = salaryPerHour * 8 * (5−noOfLeavingDay + noOfTravelDay/2)

Implement Comparable Interface. This override method compares 2 Employee objects. If noOfTravelDay of the first employee is higher than the one of the second employee, the first employee is ranked higher than the second one. If noOfTravelDays are the same, noOfLeavingDay is used for the comparison. The employee who has less noOfLeavingDays is ranked higher.

This override method return a String format of an employee as follows:
[Name:xx – Salary Per Hour:yy – Weekly Salary: zz]