### SBA 1 CODE

**package** com.mindtree.employeeservice;

**public** **class** EmployeeService **implements** Comparable<EmployeeService> {

**private** **int** Id;

**private** String Name;

**private** **int** Age;

**private** **int** Salary;

**public** **void** setId(**int** Id) {

**this**.Id=Id;

}

**public** **void** setName(String Name) {

**this**.Name=Name;

}

**public** **void** setAge(**int** Age){

**this**.Age=Age;

}

**public** **void** setSalary(**int** Salary){

**this**. Salary= Salary;

}

**public** EmployeeService(**int** Id, String Name, **int** Age, **int** Salary) {

**this**.Id=Id;

**this**.Name=Name;

**this**.Age=Age;

**this**.Salary=Salary;

}

**public** **int** getId() {

**return** Id;

}

**public** String getName() {

**return** Name;

}

**public** **int** getAge() {

**return** Age;

}

**public** **int** getSalary() {

**return** Salary;

}

@Override

**public** **int** compareTo(EmployeeService o) {

**return** **this**.Name.compareTo(o.Name);

}

}

**package** com.mindtree.employeemanagesystem;

**import** java.util.ArrayList;

**import** java.util.Collection;

**import** java.util.Collections;

**import** java.util.Scanner;

**import** com.mindtree.employeeservice.EmployeeService;

**public** **class** EmployeeManageSystem {

**public** **static** **void** main(String[]args) {

EmployeeService E1= **new** EmployeeService(1,"Lily",18,25000);

EmployeeService E2= **new** EmployeeService(2,"Juli",19,20000);

EmployeeService E3= **new** EmployeeService(3,"Mily",18,10000);

EmployeeService E4= **new** EmployeeService(4,"Rani",20,50000);

EmployeeService E5= **new** EmployeeService(5,"Sitara",17,5000);

EmployeeService E6= **new** EmployeeService(6,"Tara",25,8000);

EmployeeService E7= **new** EmployeeService(7,"Sara",23,20000);

EmployeeService E8= **new** EmployeeService(8,"Raj",24,15000);

EmployeeService E9= **new** EmployeeService(9,"Abhi",23,60000);

EmployeeService E10= **new** EmployeeService(10,"Subh",20,30000);

ArrayList<EmployeeService>all= **new** ArrayList<>();

all.add(E1);

all.add(E2);

all.add(E3);

all.add(E4);

all.add(E5);

all.add(E6);

all.add(E7);

all.add(E8);

all.add(E9);

all.add(E10);

Scanner sc= **new** Scanner(System.***in***);

System.***out***.println("Please Select The Choice");

**int** in= sc.nextInt();

**switch**(in) {

**case** 1: **for**(EmployeeService ES:all) {

System.***out***.println("Employee ID="+ ES.getId());

System.***out***.println("Employee Name="+ ES.getName());

System.***out***.println("Employee Age="+ ES.getAge());

System.***out***.println("Employee Salary="+ ES.getSalary());

}

**break**;

**case** 2:

Collections.*sort*(all,Collections.*reverseOrder*());

System.***out***.println("Arrange the name in Decending Order");

**for**(EmployeeService ESS:all) {

System.***out***.println("Employee ID="+ ESS.getId());

System.***out***.println("Employee Name="+ ESS.getName());

System.***out***.println("Employee Age="+ ESS.getAge());

System.***out***.println("Employee Salary="+ ESS.getSalary());

}

**break**;

**case** 3:

System.***out***.println("Enter Id");

**int** in1= sc.nextInt();

System.***out***.println("Enter salary");

**int** salary1= sc.nextInt();

**for**(EmployeeService add:all) {

add.setSalary(salary1);

**if**(add.getId()==in1) {

System.***out***.println("Employee ID="+ add.getId());

System.***out***.println("Employee Name="+ add.getName());

System.***out***.println("Employee Age="+ add.getAge());

System.***out***.println("Employee Salary="+ add.getSalary());

}

}

**break**;

**case** 4:

System.*exit*(0);

}

}

}