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import java.util.Scanner;;

public class TestEmpAggregationDemo {

    public static void main(String[] args) {

        Scanner sc      =      new Scanner(System.in);

        System.out.println("Enter Number of Employees:");

        int count=sc.nextInt();

        Employee empDetail[]= new Employee[count];


        int empid=0;

        String name="null";

        float sal=0;

        Date dates;

        int dd,mm,year;


        for(int i=0;i<empDetail.length;i++)
        {

            System.out.println("Enter Employee "+(i+1)+" ID: ");

            empid  =      sc.nextInt();

            System.out.println("Enter Employee "+(i+1)+" Name: ");

            name   =      sc.next();

            System.out.println("Enter Employee "+(i+1)+" Salary: ");

            sal    =      sc.nextFloat();

            System.out.println("Enter Employee "+(i+1)+" HireDate: ");

            dd     =      sc.nextInt();

            mm     =      sc.nextInt();

            year   =      sc.nextInt();

            dates= new Date(dd,mm,year);


            empDetail[i]=new Employee(empid,name,sal,dates);

        }
    }
}

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        for(int i=0;i<empDetail.length;i++)
        {
            System.out.println("Employee "+(i+1)+" Detail is : "+empDetail[i].dispEmployeeInfo());
        }

    }

}

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public class Employee {
    private int empId;
    private String empName;
    private float empSal;
    Date empDoj;
    public Employee() {
        empId = 0;
        empName = "Unknown";
        empSal = 0.0F;
        empDoj = new Date();
    }
    public Employee(int empId, String empName, float empSal, Date empDoj) {

        this.empId = empId;
        this.empName = empName;
        this.empSal = empSal;
        this.empDoj = empDoj;
    }
}

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public String dispEmployeeInfo() {
    return "\nempId=" + empId + "\nempName=" + empName
        + "\nempSal=" + empSal + "\nempDoj=" + empDoj.disDate() ;
}

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}

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public class Date {
    private int day;
    private int mon;
    private int year;
    public Date()
    {

    }

    public Date(int day, int mon, int year) {
        this.day = day;
        this.mon = mon;
        this.year = year;
    }

    public String disDate() {
        return day + "-" + mon + "-" + year ;
    }
}

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}

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