Assignment no. 4

Ques: create an Employee class and call its methods from the reference

Code:

```
package org.day4java;

import java.util.Scanner;

//create an employee class and call its method using reference

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//1.understand the need and common/related data

//2.create a class

//3.create instance in main

//4.create methods and call methods

//5.use methods with reference when called 'this' will link all references and to method get values.


class Employee {
//instance variable/fields

private int Emip;//private so that no other class can modify it.

private String Name;

private String Department;

private String Location;

private long contact;

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

public void acceptinfo(/*this*/) { //method

Scanner sc = new Scanner(System.in);

System.out.print("enter id number: ");

this.Emip = sc.nextInt();

System.out.print("enter name: ");

this.Name = sc.next();

//sc.next();

System.out.print("enter department: ");

this.Department = sc.next();

//sc.next();
```

```java
System.out.print("enter location: ");

this.Location = sc.next();

//sc.next();

System.out.print("enter contact: ");

this.contact = sc.nextLong();

}

public void getInfo() { //method

System.out.println("Employee info: "+Emip+" "+Name+" "+Department+" "+Location+" "+contact);

}


}
public class Prog1demo {

public static void main(String[] args) {

Employee emp = new Employee(); //first instance/obj

emp.acceptinfo(); //actually like this emp.acceptinfo( emp ) //done by compiler

Employee emp1 = new Employee();//2nd instance/obj

emp1.acceptinfo();

emp1.getInfo();

emp.getInfo();

Employee.sc.close();

}
}
```

Output:

enter id number: 00012

enter name: payal

enter department: IT

enter location: juhu

enter contact: 8877996622

enter id number: 00013

enter name: lily

enter department: Computer

enter location: juhu

enter contact: 2233445566

Employee info: 13   lily   Computer   juhu   2233445566

Employee info: 12   payal   IT   juhu   8877996622

```
enter id number: 00012
enter name: payal
enter department: IT
enter location: juhu
enter contact: 8877996622
enter id number: 00013
enter name: lily
enter department: Computer
enter location: juhu
enter contact: 2233445566
Employee info:  13   lily    Computer   juhu    2233445566
Employee info:  12   payal   IT    juhu    8877996622
```