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**Batch:**

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# Object Oriented Programming LAB

**Experiment No.: 7**

# Aim:

# Create a class ‘Employee’ with data members Empid, Name, Salary, Address and constructors to initialize the data members. Create another class ‘Teacher’ that inherit the properties of class employee and contain its own data members department, Subjects taught and constructors to initialize these data members and also include display function to display all the data members. Use array of objects to display details of N teachers.

**Procedure:**

import java.util.\*;

public class Employe{

int eNo;

String eName;

float eSalary;

public void empl(){

Scanner s = new Scanner(System.in);

System.out.print("Enter the Employee Number:");

eNo = s.nextInt();

System.out.print("Enter the Employee Name:");

eName = s.next();

System.out.print("Enter the Employee Salary:");

eSalary = s.nextFloat();

}

public void display(){

System.out.println(" Employee Number\n : " + eNo);

System.out.println(" Employee Name\n : " + eName);

System.out.println(" Employee Salary\n : " + eSalary);

}

public static void main(String args[])

{

int n;

Scanner sc = new Scanner(System.in);

System.out.print("Enter the number of Employees:");

n = sc.nextInt();

Employe obj[] = new Employe[n];

for(int i=0;i<n;i++){

obj[i] = new Employe();

obj[i].empl();

}

System.out.println(".............Employee Details.............");

for(int i=0;i<n;i++)

{

obj[i].display();

}

int x;

System.out.println("enter the number to search an employee");

x=sc.nextInt();

int flag=0,i;

for(i=0;i<n;i++)

{

if(obj[i].eNo==x)

{

flag=1;

break;

}

else

{

flag=0;

}

}

if(flag==1)

{

obj[i].display();

}

else

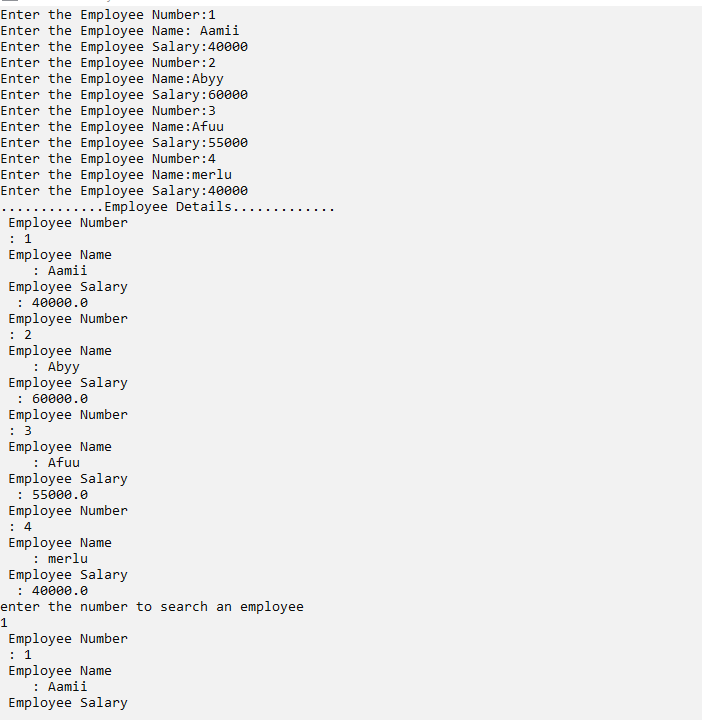
{

System.out.println("not found");

}

}}

**Output:**

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