

OBJECT ORIENTED PROGRAMMING LAB**Name: Mathew Sebastian****Roll No: 18****Batch: S2 RMCA B****Date: 18-05-2022****Experiment No: 9****Aim**

Program to create a class for Employee having attributes eNo, eName eSalary. Read n employ information and Search for an employee given eNo, using the concept of Array of Objects.

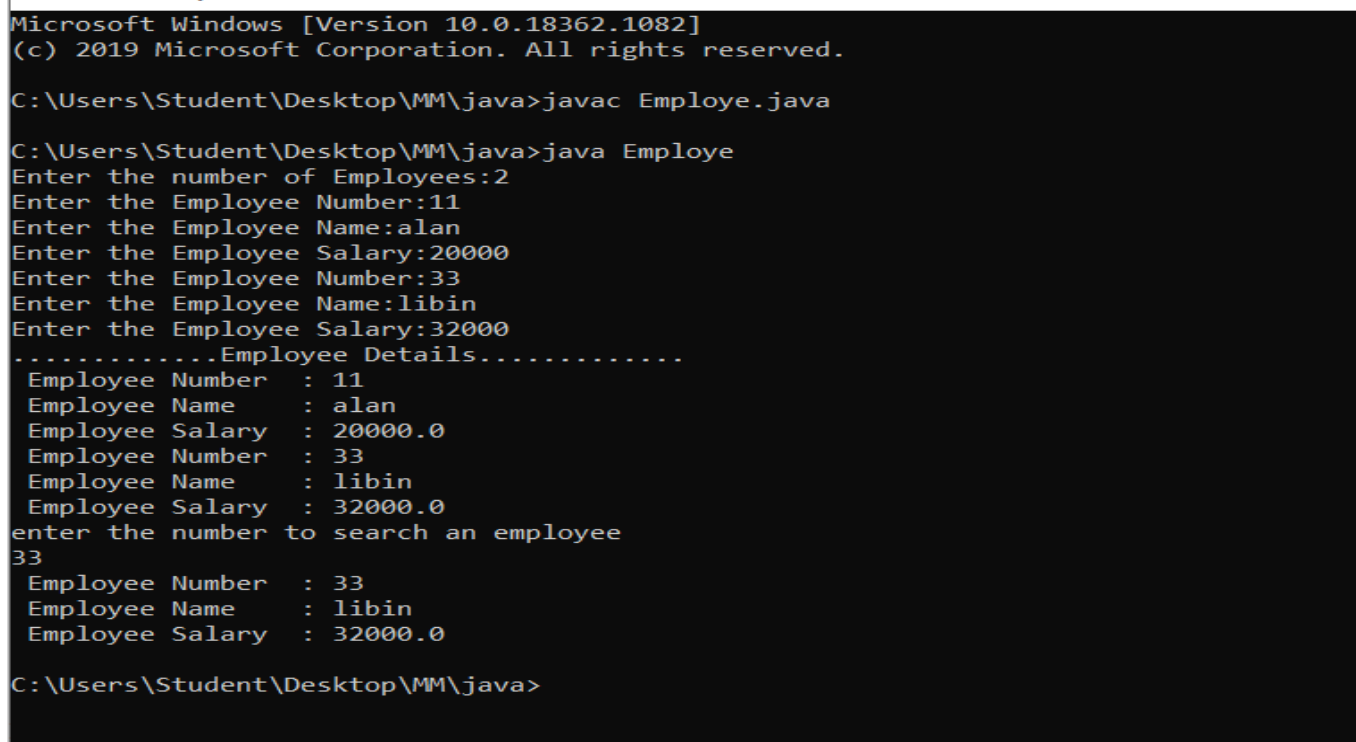
Procedure

```
import java.util.*;
public class Employee{
    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  : " + eNo);
        System.out.println(" Employee Name   : " + eName);
        System.out.println(" Employee Salary : " + 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();
        Employee obj[] = new Employee[n];
        for(int i=0;i<n;i++){
            obj[i] = new Employee();
            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 Screenshot



```
Microsoft Windows [Version 10.0.18362.1082]
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C:\Users\Student\Desktop\MM\java>javac Employee.java

C:\Users\Student\Desktop\MM\java>java Employee
Enter the number of Employees:2
Enter the Employee Number:11
Enter the Employee Name:alan
Enter the Employee Salary:20000
Enter the Employee Number:33
Enter the Employee Name:libin
Enter the Employee Salary:32000
.....Employee Details.....
Employee Number   : 11
Employee Name     : alan
Employee Salary   : 20000.0
Employee Number   : 33
Employee Name     : libin
Employee Salary   : 32000.0
enter the number to search an employee
33
Employee Number   : 33
Employee Name     : libin
Employee Salary   : 32000.0

C:\Users\Student\Desktop\MM\java>
```