## OBJECT ORIENTED PROGRAMING LAB

**Experiment No.: 9**

Name : Swetha Prakash

Roll No : 46

Batch : B

Date : 22-04-22

## 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.

## Source Code

```
import java.util.*;
public class EmployeeReadSearch{
        Scanner sc=new Scanner(System.in);
    int eNo;
    String eName;
    int eSal;
    void read_emp(){
                System.out.println("\nEnter the number of employee: ");
                eNo=sc.nextInt();
                sc.nextLine();
                System.out.println("\nEnter the name of employee: ");
                eName=new String(sc.nextLine());
                System.out.println("\nEnter the salary of employee: ");
                eSal=sc.nextInt();
    }
    void print_emp(){
        System.out.println("\nEmployee Information\n");
        System.out.println("\nEMPLOYEE NO. : "+eNo);
```

```java
        System.out.println("\nEMPLOYEE NAME: "+eName);
        System.out.println("\nSALARY        : "+eSal);
    }
    public static void main(String[] args){
                int n,i,key;
                int opt;
                int flag=0;
                Scanner sc=new Scanner(System.in);
                System.out.println("\nHow many records you have to save\n");
                n=sc.nextInt();
                EmployeeReadSearch ob[]=new EmployeeReadSearch[n];
                for(i=0;i<n;i++){
                        ob[i]=new EmployeeReadSearch();
                        System.out.println("\nENTER THE DETAILS OF EMPLOYEE
"+(i+1));
                        ob[i].read_emp();
        }
        do{
            System.out.println("\nEnter the employee number to be searched: ");
            key=sc.nextInt();
            for(i=0;i<n;i++){
                            if(ob[i].eNo==key){
                flag=1;
                break;
              }
              else continue;
            }
            if(flag==1){
                System.out.println("\nINFORMATION OF THE EMPLOYEE HAVING
EMPLOYEE NUMBER "+ob[i].eNo);
```

```java
                    ob[i].print_emp();
        }
        else{
            System.out.println("\nEmployee not found");
            flag=0;
        }
            System.out.println("\nDo you want to visit anymore records ?   (1 for yes , 0 for
No)");
            opt=sc.nextInt();
        }
    while(opt!=0);
    }
}
```

## Output Screenshot

```
C:\Users\Student\Documents\Java>javac EmployeeReadSearch.java

C:\Users\Student\Documents\Java>java EmployeeReadSearch

How many records you have to save

2

ENTER THE DETAILS OF EMPLOYEE 1

Enter the number of employee:
121

Enter the name of employee:
Swetha Prakash

Enter the salary of employee:
20000

ENTER THE DETAILS OF EMPLOYEE 2

Enter the number of employee:
122

Enter the name of employee:
Susan Sebastian

Enter the salary of employee:
25000

Enter the employee number to be searched:
121

INFORMATION OF THE EMPLOYEE HAVING EMPLOYEE NUMBER 121

Employee Information


EMPLOYEE NO. : 121

EMPLOYEE NAME: Swetha Prakash

SALARY         : 20000
```
```
Do you want to visit anymore records ?    (1 for yes , 0 for No)
0
```