OBJECT ORIENTED PROGRAMMING LAB

Experiment No.: 8

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.

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Procedure

```
import java.util.Scanner;
public class Employee {
    int  eNo;
    String eName;
    double eSalary;
    public void getdetails(){
        System.out.println("\nEnter the Employee details");
        Scanner sc = new Scanner(System.in);
        System.out.println("Employee number : ");
        eNo=sc.nextInt();
        System.out.println("Name : ");
        sc.nextLine();
        eName=sc.nextLine();
        System.out.println("Salary : ");
        eSalary=sc.nextDouble();
    }
    void  display(){
        System.out.println("Empolyee No :"+eNo);
```

```java
        System.out.println("Name :"+eName);

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

    }

  public static void main(String[] args) {

        System.out.println("\nEnter the No. of Employee's");

        Scanner sc1 = new Scanner(System.in);

        int num = sc1.nextInt();

        Employee arr[]=new Employee[num];

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

            arr[i]=new Employee();

            arr[i].getdetails();


        }

        System.out.println("\nInformations of all the employee's");

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

            arr[i].display();

    }

    boolean state = false;

    System.out.println("\nEnter the Employee Number to get details of a employee");

    int num2= sc1.nextInt();

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

      if(arr[i].eNo==num2){

      System.out.println("\nEmployee details");

      arr[i].display();

       }

       }

    }

}
```

Output screenshot

```
C:\Users\Student\Documents>javac Employee.java

C:\Users\Student\Documents>java Employee

Enter the No. of Employee's
2

Enter the Employee details
Employee number :
120
Name :
Devika
Salary :
10000

Enter the Employee details
Employee number :
130
Name :
Nandhana
Salary :
87777

Informations of all the employee's
Empolyee No :120
Name :Devika
Salary Amount10000.0

Empolyee No :130
Name :Nandhana
Salary Amount87777.0


Enter the Employee Number to get details of a employee
130

Employee details
Empolyee No :130
Name :Nandhana
Salary Amount87777.0
```