OBJECT ORIENTED PROGRAMMING LAB

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

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Procedure

```java
import java.util.Scanner;

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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);

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

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

```java
    }
  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\java\co4>javac employee.java

C:\Users\Student\Documents\java\co4>java employee

Enter the No. of Employee's
2

Enter the Employee details
Employee number :
101
Name :
appu
Salary :
25000

Enter the Employee details
Employee number :
102
Name :
achu
Salary :
30000

Informations of all the employee's
Empolyee No :101
Name :appu
Salary Amount25000.0

Empolyee No :102
Name :achu
Salary Amount30000.0


Enter the Employee Number to get details of a employee
101

Employee details
Empolyee No :101
Name :appu
Salary Amount25000.0
```