

OBJECT ORIENTED PROGRAMING 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.

Procedure

```
import java.util.Scanner;
```

```
class Employee {  
    int Empid;  
    String Name;  
    double Salary;  
    String Address;  
    Employee(int no, String na, double sal, String add) {  
        this.Empid = no;  
        this.Name = na;  
        this.Salary = sal;  
        this.Address = add;  
    }  
}
```

```
public class Teacher extends Employee{  
    String dept;  
    String subject;
```

```
    Teacher(int no, String na, double sal, String add, String dep, String sub){  
        super(no,na,sal,add);  
        this.dept= dep;
```

Name: Susan Sebastian

Roll No: 45

Batch: S2 MCA

Date: 22-04-2022

```
this.subject=sub;
}

void display(){
    System.out.println("Employee id: "+Empid);
    System.out.println("Name: "+Name);
    System.out.println("Salary: "+Salary);
    System.out.println("Address: "+Address);
    System.out.println("Department: "+dept);
    System.out.println("Subject: "+subject);
}

public static void main(String[] args) {
    System.out.println("\nEnter the No. of Employee's");
    Scanner sc = new Scanner(System.in);
    int num = sc.nextInt();
    Teacher arr[]=new Teacher[num];
    for(int i =0;i<num;i++)
    {
        System.out.println("\nEnter Employee id: ");
        int Empid=sc.nextInt();
        System.out.println("\nEnter Employee Name: ");
        String Name=sc.next();
        System.out.println("\nEnter Salary: ");
        double Salary=sc.nextDouble();
        System.out.println("\nEnter Address: ");
        String Address=sc.next();
        System.out.println("\nEnter department: ");
        String dept=sc.next();
        System.out.println("\nEnter Subject: ");
```

```
String subject=sc.next();  
arr[i]=new Teacher(Empid,Name,Salary,Address,dept,subject);  
  
}  
System.out.println("\n*****Informations of all the employee's*****");  
for(int i=0;i<num;i++){  
    int j=i+1;  
    System.out.println("\n"+j+".");  
    arr[i].display();  
  
    }  
  
}  
}
```

Output Screenshot

```
C:\Users\Student\Desktop>javac Teacher.java
C:\Users\Student\Desktop>java Teacher

Enter the No. of Employee's
1

Enter Employee id:
100

Enter Employee Name:
Susan

Enter Salary:
1222

Enter Address:
ghdf

Enter department:
mca

Enter Subject:
it

*****Informations of all the employee's*****

1).
Employee id: 100
Name: Susan
Salary: 1222.0
Address: ghdf
Department: mca
Subject: it
```