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**Roll No: 45**

**Batch: S2 MCA**

**Date: 22-04-2022**

**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;

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**

