

OBJECT ORIENTED PROGRAMMING LAB**Name: Reshma K S****Roll No:27****Batch:MCA - B****Date:17/04/2022****Experiment No.: 11****Aim**

Create a class 'Employee' with data members Empid, Name, Salary, Address and constructors to initialize the data members. Create another class 'Teacher' that inherit the properties of class employee and contain its own data members department, Subjects taught and constructors to initialize these data members and also include display function to display all the data members. Use array of objects to display details of N teachers.

Procedure

```
class Emp{  
    public static void main(String[] args) {  
        Teacher teacObj[] = new Teacher[2];  
        teacObj[0]=newTeacher("1","Aravind","srenilayam house",50000,"MCA",  
            "Computer  Graphics");  
        teacObj[1] = new Teacher("2","Basker","Anars House",23000,"FT",  
            "Food  Microbiology");  
        teacObj[0].display();  
        teacObj[1].display();  
    }  
}  
  
class Employees {  
    String Empid;  
    String Name;  
    String Address;  
    int Salary;  
    Employees(String id,String name,String addr,int salary){  
        this.Empid = id;
```

```
        this.Name    = name;
        this.Address = addr;
        this.Salary  = salary;
    }
    void display(){
        System.out.println("EmpID   : " + this.Empid);
        System.out.println("Name    : " + this.Name);
        System.out.println("Address : " + this.Address);
        System.out.println("Salary : " + this.Salary);
    }
}

class Teacher extends Employees{
    String Department;
    String Subject;
    Teacher(String id,String name,String addr,int salary,String dept,String subj){
        super(id,name,addr,salary);
        this.Department=dept;
        this.Subject=subj;
    }
    void display(){
        System.out.println(".....");
        super.display();
        System.out.println("Dept Name : " + this.Department);
        System.out.println("Subject Name : " + this.Subject);
        System.out.println(".....");
    }
}
```

Output Screenshot

```
C:\Users\Student\Desktop\27_Java\reshma>javac Emp.java

C:\Users\Student\Desktop\27_Java\reshma>java Emp
.....
EmpID    : 1
Name     : Aravind
Address  : srenilayam house
Salary   : 50000
Dept Name : MCA
Subject Name : Computer Graphics
.....
.....
EmpID    : 2
Name     : Basker
Address  : Anars House
Salary   : 23000
Dept Name : FT
Subject Name : Food Microbiology
.....
```