OBJECT ORIENTED PROGRAMMING LAB

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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.*;
 class  Employee
{
String Empid;
String Name;
String Salary;
String Address;
public Employee(String Empid,String Name,String Salary,String Address)
{
this.Empid= Empid;
this.Name=Name;
this.Salary=Salary;
this.Address=Address;
}
}
 class Teacher extends Employee
{
String Department;
String Subject;
public Teacher(String Empid,String Name,String Salary,String Address,String
Department,String Subject)
{
```

```
super(Empid,Name,Salary,Address);
this.Department=Department;
this.Subject=Subject;
}
public void read()
{   Scanner in =new Scanner(System.in);
System.out.println("enter the Employ id=");
      Empid=in.nextLine();
      System.out.println("enter the Name=");
      Name=in.nextLine();
      System.out.println("enter the Salary=");
      Salary=in.nextLine();
      System.out.println("enter the Address=");
      Address=in.nextLine();
      System.out.println("enter the Department=");
      Department=in.nextLine();
      System.out.println("Enter the Subject=");
      Subject=in.nextLine();
}
public void display()
{   System.out.println("__Employee Details__");
   System.out.println("Empid=" + Empid);
   System.out.println("Name="+ Name);
   System.out.println("Salary=" + Salary);
   System.out.println("Address=" + Address);
   System.out.println("Department=" + Department);
   System.out.println("Subject=" + Subject);
   System.out.println("*****************");
}
```

```
}
public class InheritEmployee
{
   public static void main(String Args[])
   { int i,n;
    Scanner in =new Scanner(System.in);
      System.out.println("Enter the Number of employee=");
      n=in.nextInt();
          Teacher T[] = new Teacher[n];
      for(i=0;i<n;i++)
      {
      T[i]=new Teacher("Empid","Name","Salary","Address","Department","Subject");
      T[i].read();
      }

   for(i=0;i<n;i++)
   {
      T[i].display();
   }
   }
   }
```

Output Screenshot

```
D:\JAVA PGMS>javac InheritEmployee.java

D:\JAVA PGMS>java InheritEmployee
Enter the Number of employee=
2
enter the Employ id=
7
enter the Name=
MS DHONI
enter the Salary=
70000
enter the Address=
RANCHI,JK
enter the Department=
MCA
Enter the Subject=
JAVA
enter the Employ id=
18
enter the Name=
VIRAT KOHLI
enter the Salary=
65000
enter the Address=
DELHI,NORTH
enter the Department=
MCA
Enter the Subject=
ADBMS
__Employee Details__
Empid=7
Name=MS DHONI
Salary=70000
Address=RANCHI,JK
Department=MCA
Subject=JAVA
*****************
__Employee Details__
Empid=18
Name=VIRAT KOHLI
Salary=65000
Address=DELHI,NORTH
Department=MCA
Subject=ADBMS
*****************
```