Single inheritance

Main.java

**package** com.java.pgms;

**import** java.util.Scanner;

**public** **class** Main {

**public** **static** **void** main(String[] args)

{

System.*out*.println("Enter number of techers :");

Scanner sc=**new** Scanner(System.*in*);

**int** n=sc.nextInt();

System.*out*.println("Enter details of techers :");

Teacher[] teacher;

teacher=**new** Teacher[n];

**int** id;

String dept,name;

**float** salary;

String address,subject;

**for**(**int** i=0;i<n;i++)

{

System.*out*.println("Enter "+i+" teacher details :");

System.*out*.println("-----------------------------------");

System.*out*.println("Enter teacher id: = ");

id=sc.nextInt();

System.*out*.println("Enter teacher name: = ");

//Scanner s=new Scanner(System.in);

name=sc.next();

System.*out*.println("Enter salary: = ");

salary=sc.nextInt();

System.*out*.println("Enter address: = ");

address=sc.next();

System.*out*.println("Enter subject: = ");

subject=sc.next();

System.*out*.println("Enter department: = ");

dept=sc.next();

System.*out*.println("==================================================");

teacher[i]=**new** Teacher(id,name,salary,address,dept,subject);

}

System.*out*.println("............TEACHERS DETAILS ARE.........");

**for**(Teacher x:teacher)

{

x.display();

}

System.*out*.println();

}

}

employeeT.java

**package** com.java.pgms;

**public** **class** EmployeeT {

**int** empid;

String name;

**float** salary;

String address;

EmployeeT()

{

}

EmployeeT(**int** empid,String name,**float** salary,String address)

{

**this**.empid=empid;

**this**.name=name;

**this**.salary=salary;

**this**.address=address;

}

}

Teacher.java

**package** com.java.pgms;

**public** **class** Teacher **extends** EmployeeT

{

String department;

String subject;

Teacher(**int** empid,String name,**float** salary,String address,String department,String subject)

{

**super**(empid,name,salary,address);

**this**.department=department;

**this**.subject=subject;

}

**public** **void** display()

{

System.*out*.println("Teacher id ="+empid);

System.*out*.println("Teacher name ="+name);

System.*out*.println("Teacher salary ="+salary);

System.*out*.println("Teacher adrress ="+address);

System.*out*.println("Teacher department ="+department);

System.*out*.println("Teacher subject = "+subject);

}

}