**public class Person {**

private String name;

private int age;

public Person(String name, int age) {

setName(name);

setAge(age);

}

public void setName(String name) {

this.name = name;

}

public String getName() {

return name;

}

public void setAge(int age) {

this.age = age;

}

public int getAge() {

return age;

}

public void showInfo(){

System.out.println("Name: " + name);

System.out.println("Age: " + age);

}

}

**public class Doctor extends Person {**

private String specialty;

private Double officeVisitFee;

public String getSpecialty() {

return specialty;

}

public void setSpecialty(String specialty) {

this.specialty = specialty;

}

public Double getOfficeVisitFee() {

return officeVisitFee;

}

public void setOfficeVisitFee(Double officeVisitFee) {

this.officeVisitFee = officeVisitFee;

}

public Doctor(String name, int age, String specialty, double fee) {

super(name,age);

this.specialty = specialty;

officeVisitFee = fee;

}

public void showInfo() {

System.out.println("Name: " + getName() + " Age: " + getAge() + " Specialty: " + specialty + " Fee: " + officeVisitFee);

}

}

**public class Clinic {**

private String address;

private String administrator;

private int counter;

private Doctor[] doctor = new Doctor[10];

public Clinic(Doctor[] d) {

this.doctor = d;

// Assign the length of an array "Constructor d" to a counter

counter = d.length;

}

public String getAddress() {

return address;

}

public void setAddress(String address) {

this.address = address;

}

public String getAdministrator() {

return administrator;

}

public void setAdministrator(String administrator) {

this.administrator = administrator;

}

public void showClinicInfo() {

System.out.println("========== Clinic Information ==========");

System.out.println("Address: " +address);

System.out.println("Administrator: " + administrator);

System.out.println("========== Doctor's Information ==========");

for (int i=0; i< counter; i++) {

if (doctor[i] == null) {

System.out.println("No Doctors Found");

} else {

doctor[i].showInfo();

}

}

}

}

**public class Driver {**

public static void main(String[] args) {

/\* Driver

\*

\* Person p = new Person("Isaac Hayes",40);

p.showInfo();

// Pointer Exhibit

p = new Doctor("Jane Doe",25,"Dentistry",350);

p.showInfo(); \*/

Doctor d[] = new Doctor[4];

d[0]= new Doctor("Isaac Hayes",40,"Orthopedics",300);

d[1]= new Doctor("Jane Doe",25,"Dentistry",350);

d[2]= new Doctor("John Stewart",35,"Optometry",400);

Clinic c = new Clinic(d);

c.setAddress("U.N. Avenue");

c.setAdministrator("George White");

c.showClinicInfo();

}

}