

Container classes

```

class ClassVector {
    Vector<Person> database = new Vector<Person> ();
    Person p1 = new Person (...);
    Person p2 = new Student (...);
    Student s3 = new Student (...);
    Student s4 = new Person (...);
}

```

```

database.add(p1);
database.add(p2);
database.add(p3);

```

```

Iterator iter = database.iterator();
while (iter.hasNext()) {
    Person p = (Person) iter.next();
    p.print();
}

```

JFRAME

```

p1.print();
p2.print(); //overriden
p3.print();

```

```

class Person {
    private int age;
    private String name;
    public Person(int a, String n) {
        age = a;
        name = n;
    }
    public void print() {
        System.out.println("Age: " + age + " Name: " + name);
    }
}

class Student extends Person {
    private String school;
    public Student(int a, String n, String s) {
        super(a, n);
        school = s;
    }
    public void print() {
        System.out.println("Age: " + age + " Name: " + name + " School: " + school);
    }
}

```