stack

heap

object

anonymous

main(){
Employee e1;

}

ref

.java -> javac -> .class -> java

.cpp -> g++ -> .out -> ./a.out

javac -d ../bin Program.java
javac -d ../bin Program02.java
javac -d ../bin Program03.java

Demo01

src

bin

p1

com

sunbeam

p2

p3

p1->
Program.java

com.sunbeam.p2->
Program02.java

com.sunbeam.p3->
Program03.java

Program.class

Program02.class

Program03.class

java p1.Program   **java com.sunbeam.p2.Program02**   **java com.sunbeam.p3.Program03**
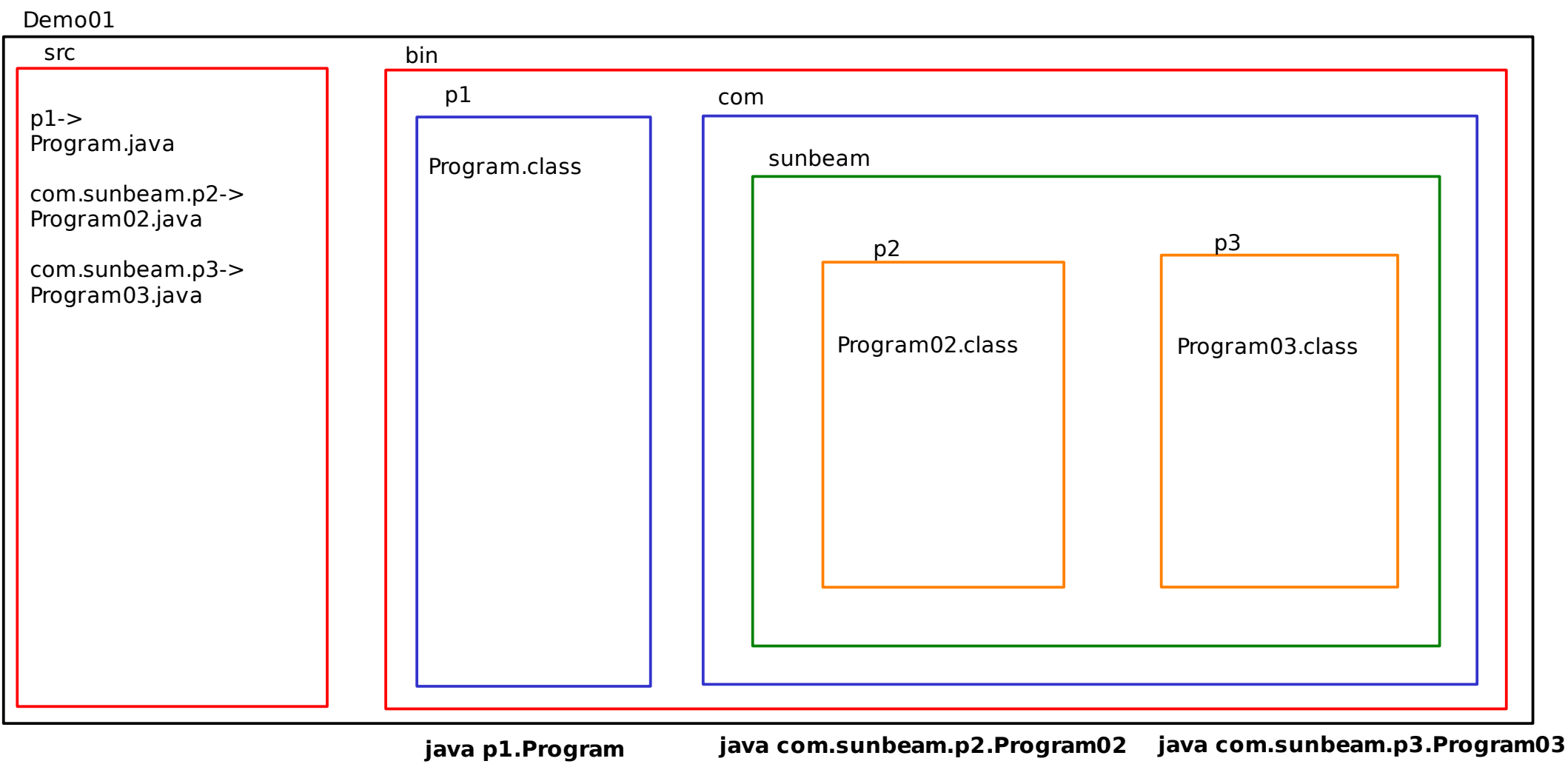
EAttendance ->

class Employee{

}

class Student{

}

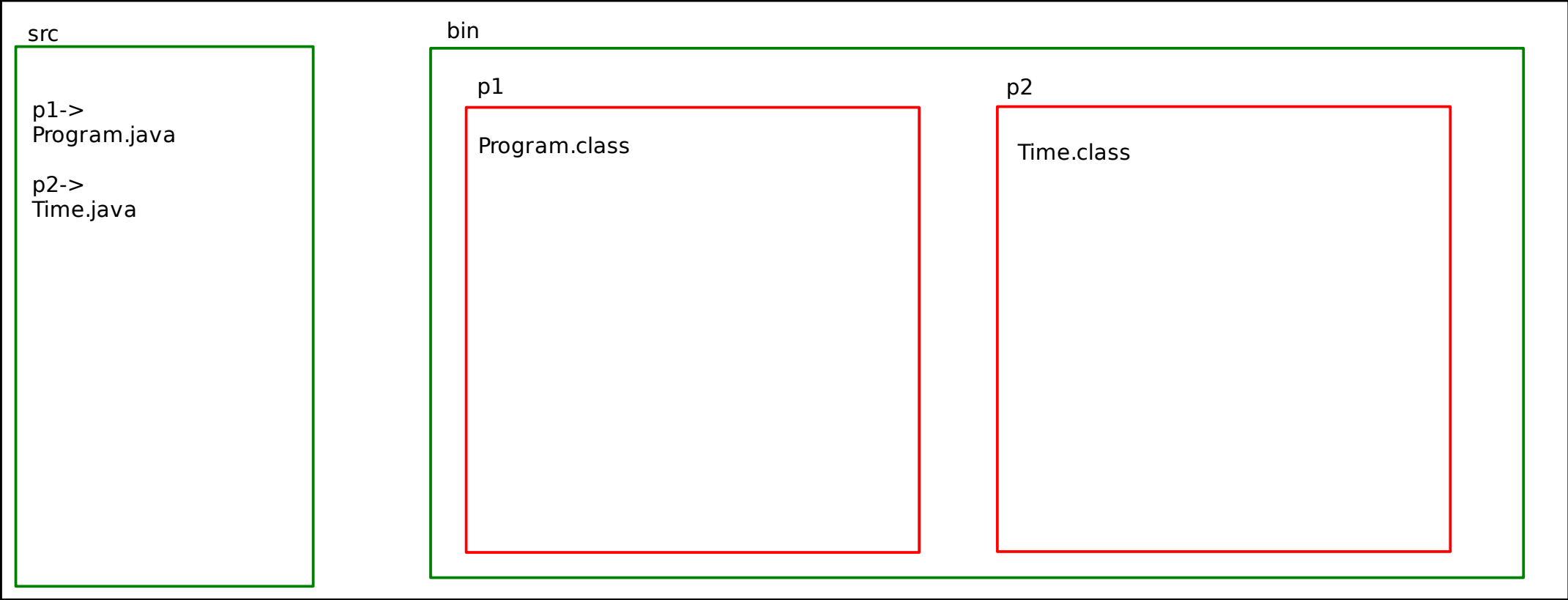class Attendace{

}

class Date{

}

com.sunbeam.eattendance.employee

class Employee{

}

com.sunbeam.eattendance.student

class Student{

}

com.sunbeam.eattendance.utility

class Date{

}

class Attendance{

}

Demo02

src
bin

p1->
Program.java

p2->
Time.java

p1
Program.class

p2
Time.class

Steps -

- From src compile the Time class first and then the Program class

javac -d ../bin Time.java

javac -d ../bin Program.java // Error -> P2 package not found

export CLASSPATH=../bin

javac -d ../bin Program.java // OK

java p1.Program

p1

A

private   default

protected   public

B (SubClass of A)

default (on class object)
protected (Direct)
public (Direct)

C (Other class)

default ⎤
protected ⎬ on class
public ⎦ object

p2

E (Other Class)

public (on class object)

D(SubClass of A)

protected (Direct)
public(Direct)

private
default
protected
public