

```
package it.polimi.main;
```

```
public class ClasseUno {
```

```
    private static int v = 0;  
    public int x = 1;
```

```
    public ClasseUno() {  
        v++;  
    }
```

```
    public void use(ClasseTre tre, int i) {  
        x = i * x / 2;  
        tre.use(this);  
    }
```

```
    public int getx() {  
        x++;  
        return x;  
    }
```

```
    public static void main(String[] args) {  
        ClasseUno uno = new ClasseUno(); //1  
        ClasseDue due = new ClasseDue(uno, 1); //2  
        ClasseTre tre = new ClasseTre(due, "42"); //3  
        uno.use(tre, due.geti()); //4  
        due.use(uno, tre); //5  
        tre.use(uno); //6  
        System.out.println("Fine");  
    }  
}
```

```
public class ClasseDue extends ClasseUno {  
    private final int i;  
    public ClasseDue() {  
        i = -1;  
    }  
    public ClasseDue(ClasseUno uno, int n) {  
        i = n / 2;  
    }  
    public int geti() {  
        return i;  
    }  
    public void use(ClasseUno uno, ClasseTre tre) {  
        uno.use(tre, uno.getx());  
        tre.use(uno);  
    }  
}  
  
public class ClasseTre extends ClasseDue {  
    public String s = "empty";  
    public ClasseTre(ClasseDue due, String s) {  
        this.s = this.s + s;  
    }  
    public void use(ClasseUno uno) {  
        this.s = "value=" + uno.getx();  
    }  
}
```