

Subject

List<Observer> obs

add(Observer o)?

}

void (Observer o)?

notify()

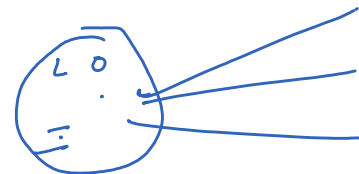
}

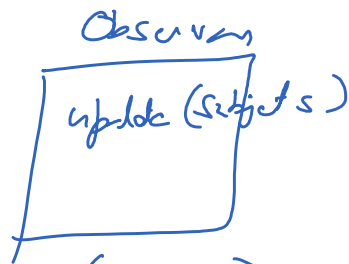
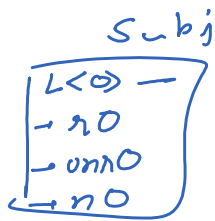
Observer

update(Subject s)?

}

}





put rms ✓
 put wizard ✓
 put Ours ✓
 get
 set
 no()

SD
update

NRRD
update

FSPD
update

tabox. aEL("ch", f)

tabox. aEL("ch", f)

tabox



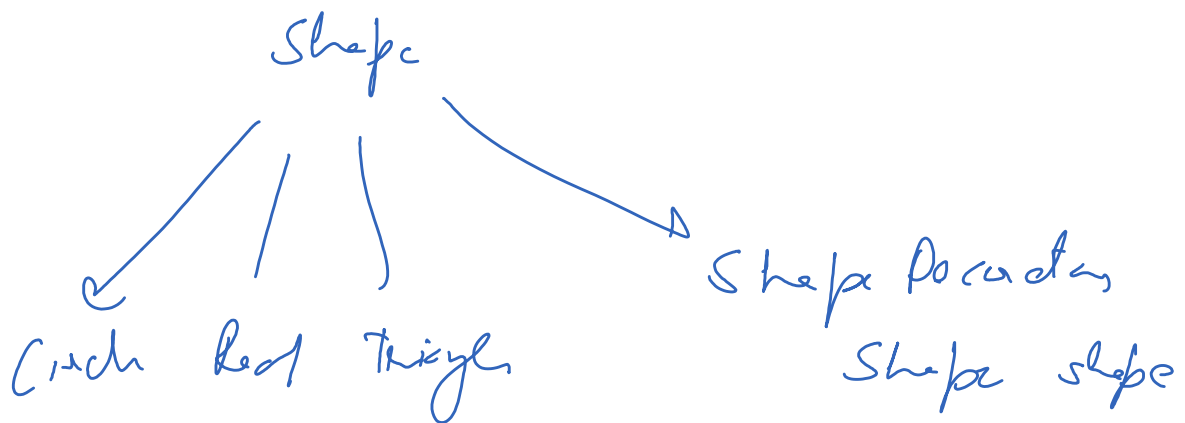
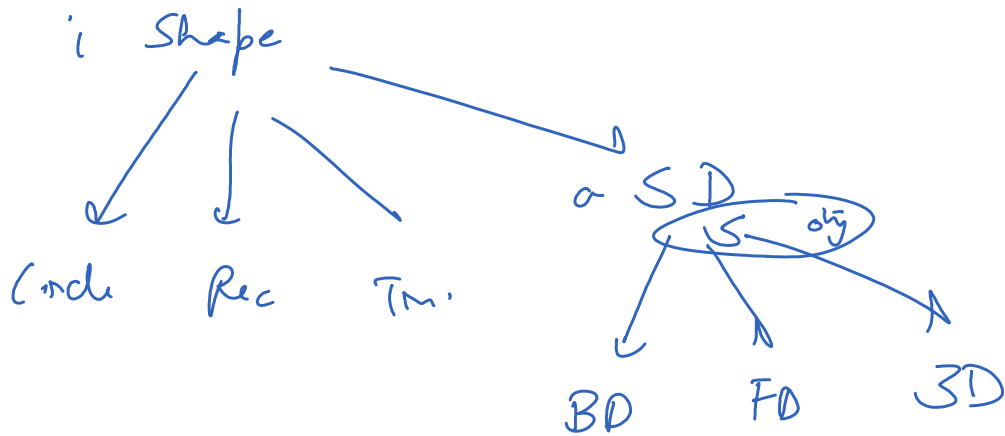
chick - (1)

dy - (2)

4:00 - 4:10

Observer

Decorator



```

✓ Shape cir = new Circle();
✓ ShapeDecorator cirWithBorder = new BorderShapeDecorator(cir);
✓ ColorShapeDecorator cirWithBorderAndColor = new ColorShapeDecorator(cirWithBorder);
  cirWithBorderAndColor.draw();
    
```

