

THE PRINCIPLE OF INFORMATION HIDING

BEST BASIS FOR DIVIDING A PROGRAM INTO MODULES  
IS THE DIVISION THAT HIDES THE MOST  
INFORMATION WITHIN EACH MODULE.

THIS ADDRESSES THE PROBLEM OF CLOSE COUPLING  
BETWEEN MODULES, WHICH INCREASES THE  
NEED FOR COMMUNICATION BETWEEN DEVELOPERS,  
AND INCREASES MAINTENANCE EFFORT WHEN  
MODULES ARE MODIFIED

INFORMATION HIDING IS SUPPORTED IN OBJECT-ORIENTED  
LANGUAGES SUCH AS JAVA BY CLASS  
ENCAPSULATION AND VISIBILITY MODIFIERS

#### MARKING

- 1 MARK FOR NAME (ANY OF SEVERAL POSSIBLE)
- 1 MARK FOR DESCRIPTION
- 1 MARK FOR PROBLEM
- 1 MARK FOR TOOL SUPPORT