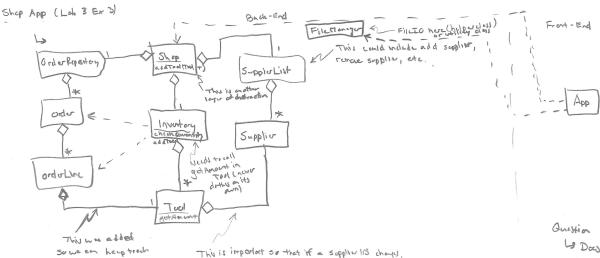
```
Testing
```

13 Test-doility is a great measure of the modularity of a program

Lo Always help in mind that software design is not open ended, and design choices need to be justified



the tool will know. If we break these apart,

the is possible, since we conhow a tool without a supplier. There should be comected ...

Class Diegrans

ct the tools

La A clas Diagram is a static view of the system

Lo A depudency does not hold data, and there fore does not typically get shown

Lo we want to always stay away from composition, because it places too much responsibility on the parent class

Lo The Front - end should not be loading dota!

La A happralass should be included, which takes responsibility away from the front-end

The class Diagram others only where the data resides, and not has the data is passed around

LA Therfore dependencies should not be shown, but a hould be used if needed!

Ly Decrease coupling as much as possible by we can totally name dependences in the back-and

La Avoid deputacions from the front-and La we con chain additional [Tool -..) functions together

From chat with Dr. M:

Lo we can ad should havedapadvies in ow bockerd, primarily to poss data around.

by if we find we hove too may dependences from one class, we should add notice layer of obstruction (more classes bureath)

Lo Dependency are used to post data cround code so that we don't have to use primetrus (like I did)

by implement with minimal deceptly, bothowing cyclical coupling is the toplacity as long as each class only has one or two classed that depend on it.

La Frilan his diagraphia executly, or justify ours (justify devictions) 1) For instance, we want necessarily need on order repository or supplicable (but I will make it)

Lode (Shop App)

```
Shep {
    Invotory trachorday;
     Supplier SUP ;
     ordo theordo
                              About of (Hothe, ever) FIRIO
13 the below costra et a digests
App 5
      main() {
            Hulpon = new Hulpor ( ... );
            * Create array of tools
             Invotary i = new hunter (tool oran)
```

increased couply? I had availed Thun due to coupling, butthertracturing data become problematic

Lo It seems that no , start he seemed unconcerned bout having muft dependencing

on the Filemanger La what impacts coupling?

In a single class content that do and relationships) increases complia.

La Forthe lob, do we use both his and ove?