**Design Principal**

# Identify the part in our code that varies and separates them from what stays the Same

# Open for extension closed to modification

# Program to an Interface, and avoid concrete implementation!

* Concrete Implementation: I depend on this specific class to do my work
* This can make our code more fragile and less flexible
* When we see ‘new’, think ‘concrete’ instantiating
* Program to an interface: I depend on any class that does this stuff to do my work. Loosely coupling