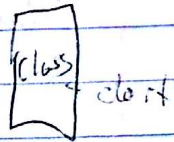


CP 213 Lecture 16

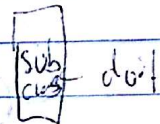
Binding

- Associating a method definition w/ invocation is binding
- If method is associated w/ invoc at compile that is called early binding
- If invocation ... w/ ... when method invoked \rightarrow late Binding or dynamic binding

```
class X = new ... ;  
X.doit(17);
```

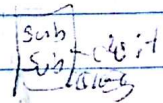


Compiler doesn't know which doit() will be run until run time



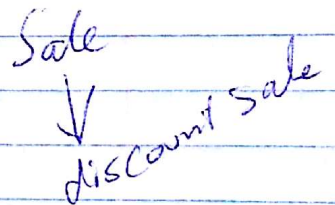
late binding

Allows polymorphism / Code that works for different classes & arguments



Can call clone on existing object

```
Sub class Z = y.clone();
```



Bad copy example copies an array of sales & discount sales as just sales

Good copy uses array[i] = array[0][i].clone();

↳ however if an object that is cloned has a reference to another object, the reference is also copied so both objects will reference same value