**Encapsulation**

https://www.youtube.com/watch?v=GyNAgOzRiOc&index=27&list=PL9DF6E4B45C36D411

**class** Plant{

**public** **static** **final** **int** *ID*=7;

**private** String name;

**public** String getData(){

String data = "some stuff: "+calculateGrowthForecast();

**return** data;

}

**private** **int** calculateGrowthForecast(){

**return** 9;

}

**public** String getName(){

**return** name;

}

**public** **void** setName(String name){

**this**.name=name;

}

}

**class** apples {

**public** **static** **void** main(String args[]) {

Plant plant = **new** Plant();

plant.setName("Ken");

System.*out*.println(plant.getName());

System.*out*.println(plant.getData());

}

}

Result:

Ken

some stuff: 9

**Important notes:**

* The point is to keep your instances private if possible, in order to jumbling up all the keywords.