Inheritance -	Idea of a	class "i	nheriting	יי
		from anoth		
Vehicle Su	perclass	•		sitches
	is	-A relations	hip	
(Car) (Bus) (Tr	ain u	Specialized	vehic	e"
Subclass Steam Engine Train	biosel 11 Engine Tain	Specialized	fans	<i>u</i>
Hierarch	ly is created			
			Structor. I inhe	
	perclass Of	Syperclass		D'asel
class Vehicle	Class	Train	Class	Engia Train
F name (string)	→ (F) name	(String) - E		
(String)	→ (F) make	(String) F	make	(string)
F) Model (String)	-> F) Model	(Strong) - F	Model	(String)
O Vehicle (····)	@ Train	() ©	Diesel Engine Train	()
M move Forward (M move Fo	rward () -> () Tol (String) -> ()		
* Overriding				evel (Aoub 14)
a meth	02			

```
class Vehicle &
   1/ fields
   public String name;
   Public String make;
   public String Model;
 11 constructor
public Vehicle (...)
 {/* implementation not shown */ }
  public void move Forward () {
       11 do something
  3
class Train extends Vehicle &
     public String conductor;
   11 constructor
   public Train (...)
```

{ /* implementation not shown */ }
public void move Forward () {
Overidiy
11 do something clse method
3
3
Class Diesel Engine Train Extends Train &
//field
prolic double oil Level;
// constructor
public Diesel Engine Tran ()
{/* implementation not shown */ }
3
ა
Super (Roming) -> accesses the superclass's
Constructor
List of Vehicles - Train
List of Trains - vehicle X