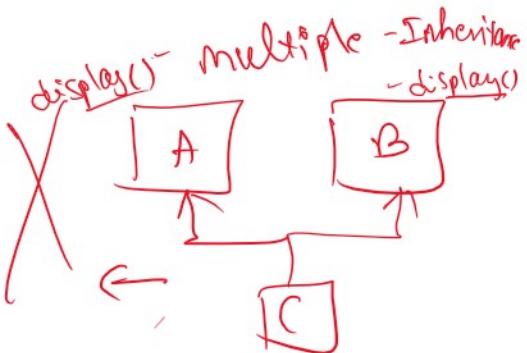
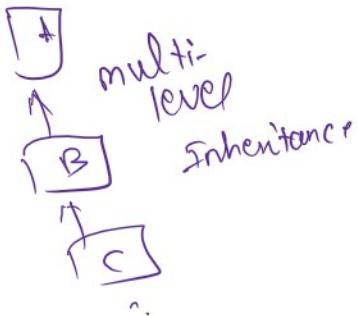
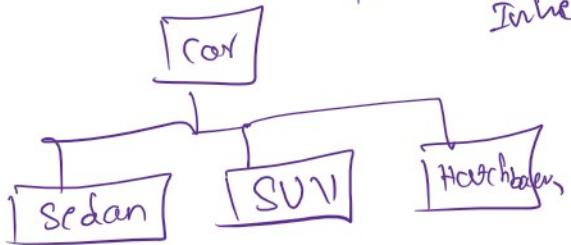


Polymorphism

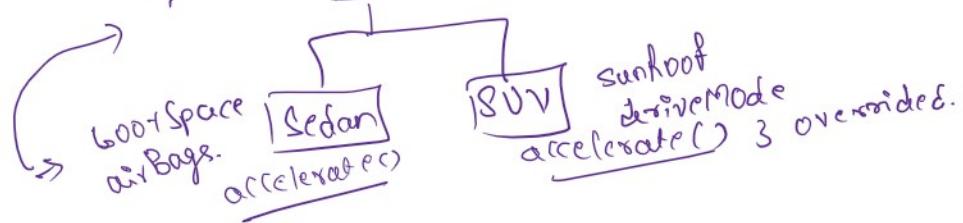
Hierarchical Inheritance.



C c = new C();
c.display() ?

Poly morphism

accelerate() → carName, engCapacity
fuelMileage, powCr.



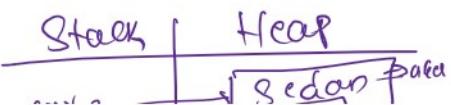
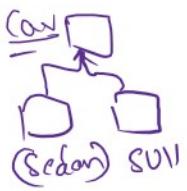
Car car = new Car();
car.accelerate(); →

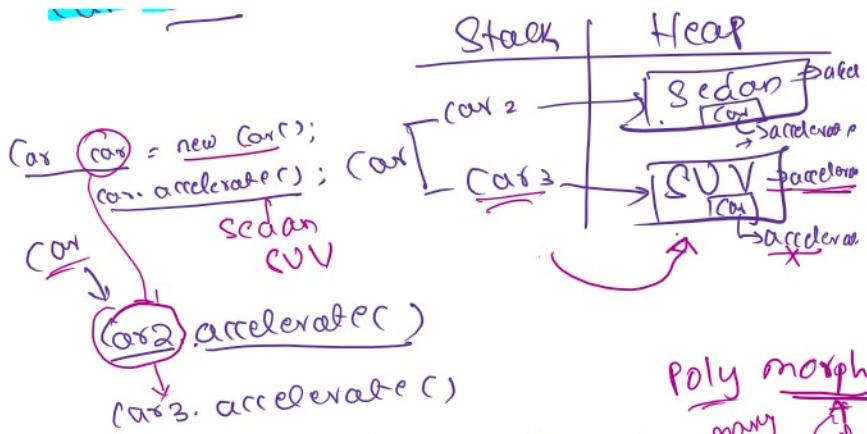
Sedan sedan = new Sedan();
sedan.accelerate();

SUV surv = new SUV();
surv.accelerate();

Parent ref
(Car car) = new Sedan();

Car car3 = new SUV();



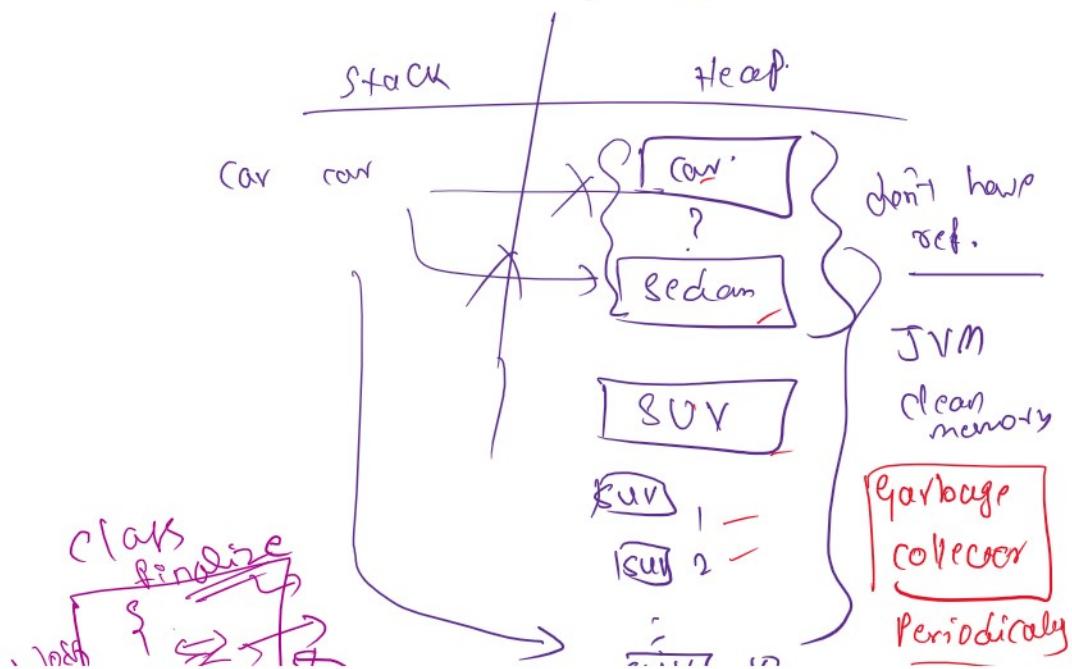
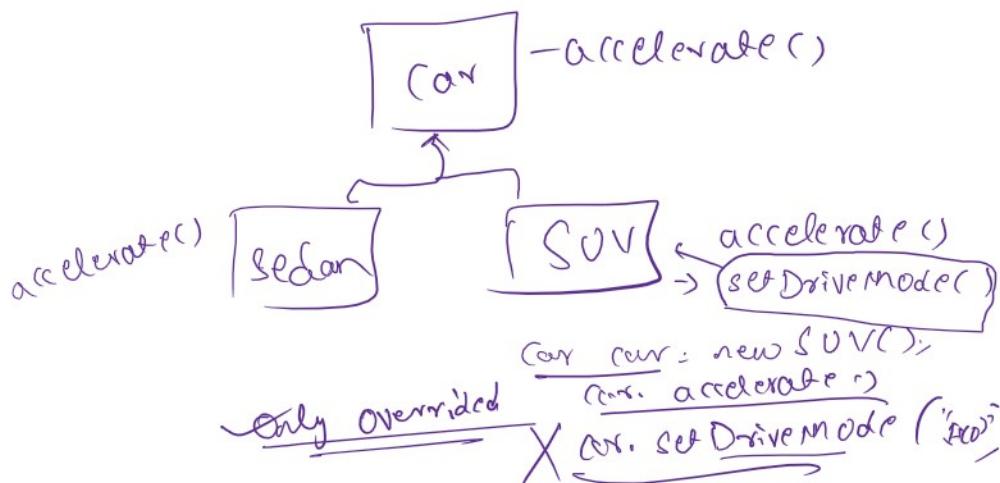


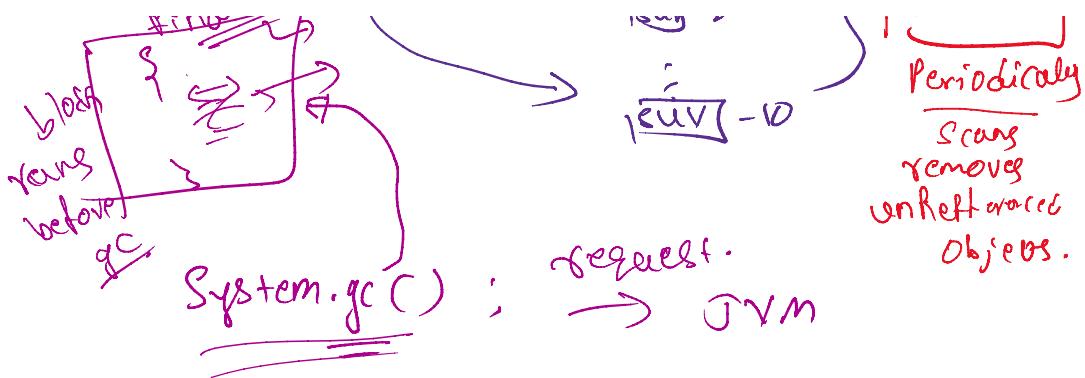
Poly morphism
 many to change itself

(Car cur = new Car();
 ✓(car.accelerate();))

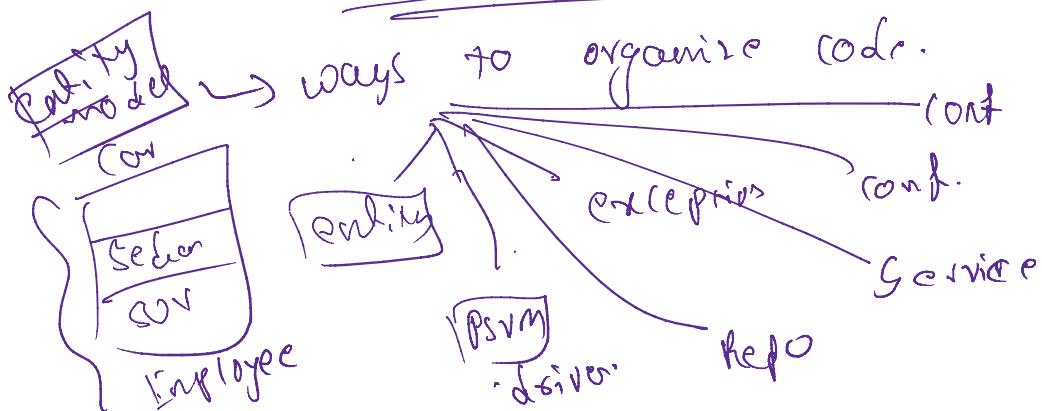
(Car cur = new Sedan(); ;
 ✓(car.accelerate();))

(Car cur = new SUV();
 ✓(car.accelerate();))

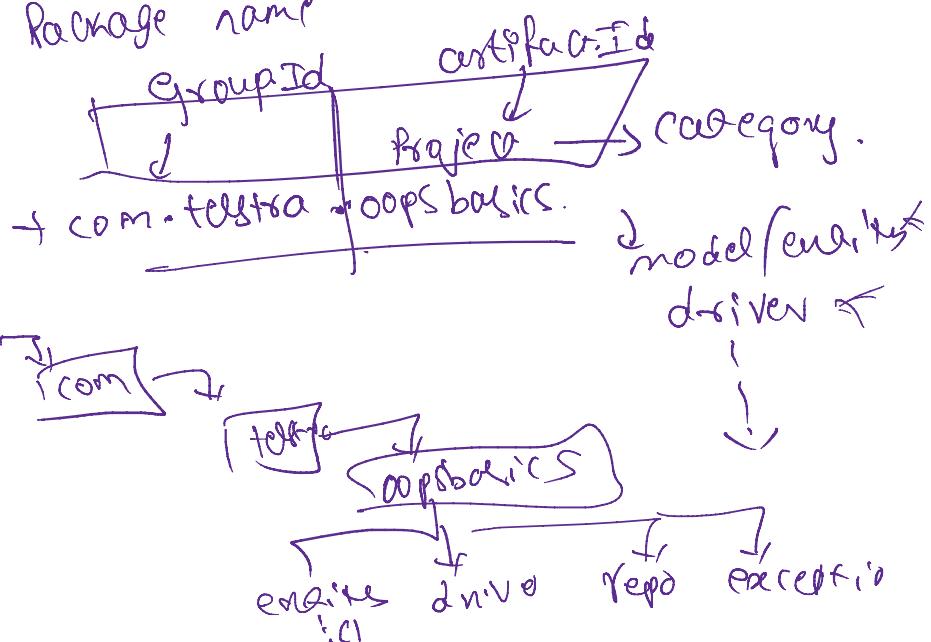




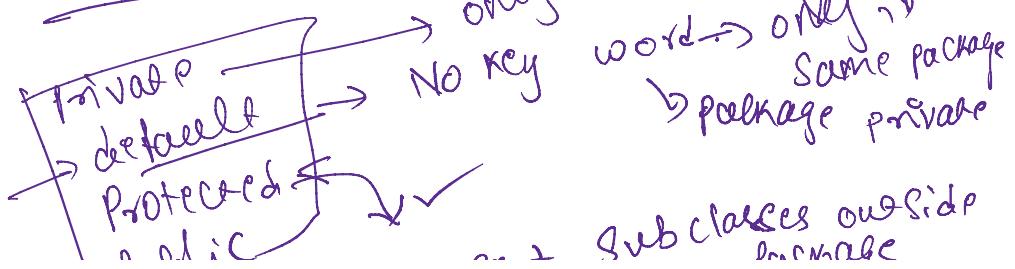
Packages in Java



Package name



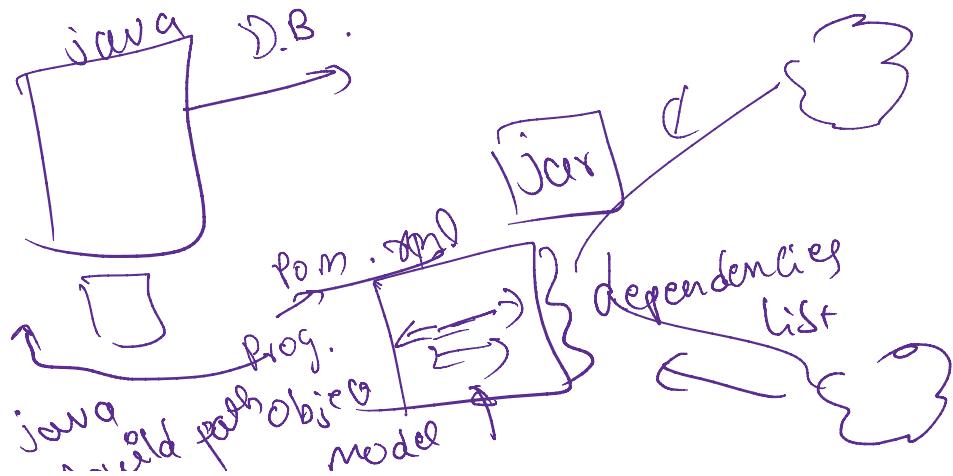
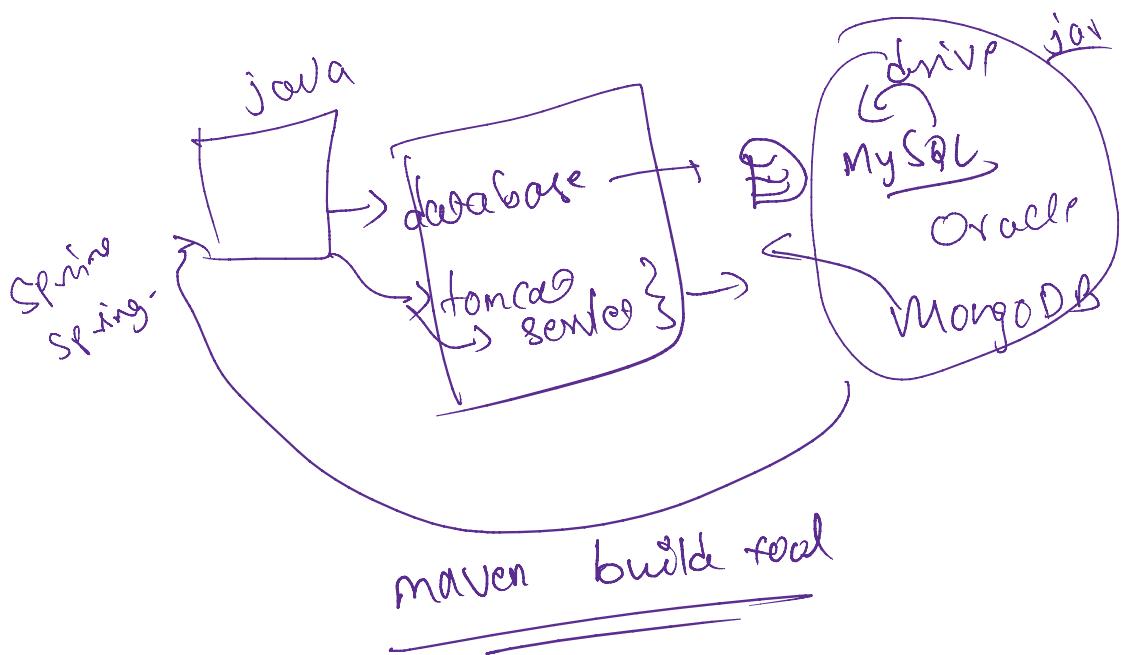
↳ access Specifiers

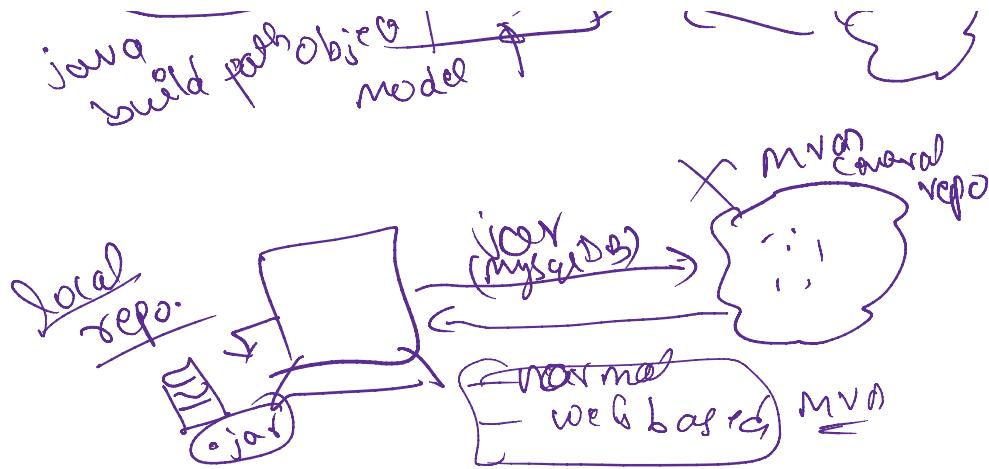


protected
 fieldic
 package + sub classes outside package
 private < default < protected < public

	default	private	protected	public
Same Class	Yes	Yes	Yes	Yes
Same package subclass	Yes	No	Yes	Yes
Same package non-subclass	Yes	No	Yes	Yes
Different package subclass	No	No	Yes	Yes
Different package non-subclass	No	No	No	Yes

maven → dependency record
 build脚本





Logger

