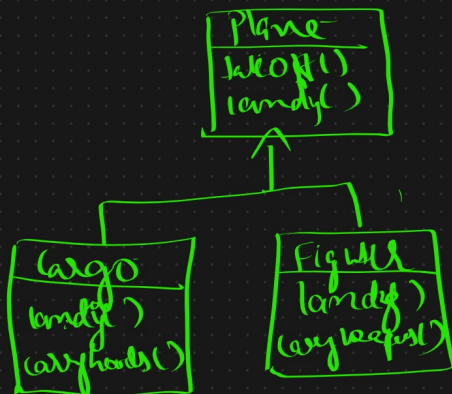
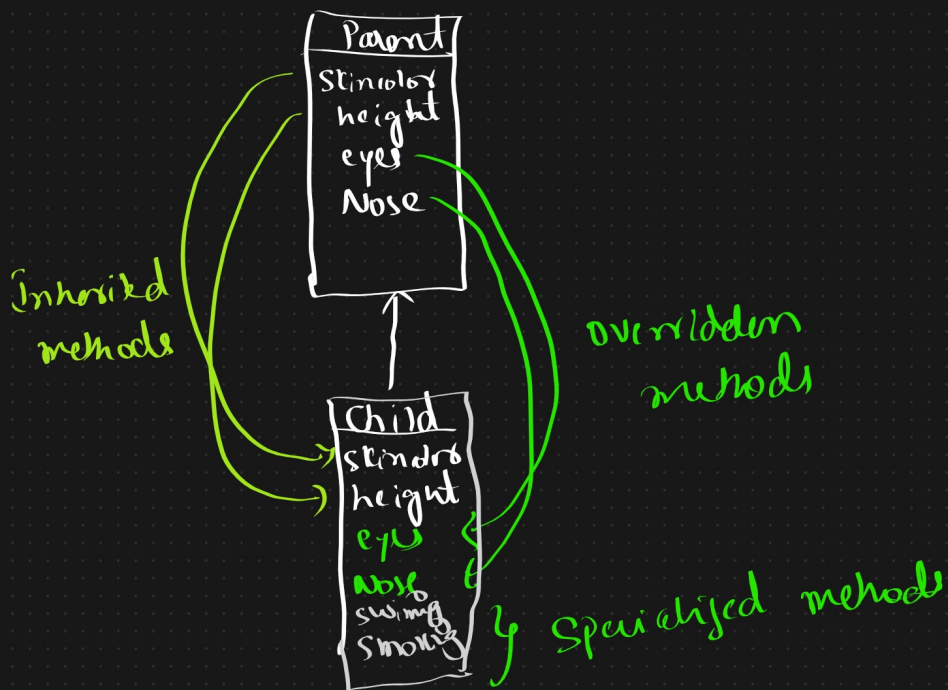
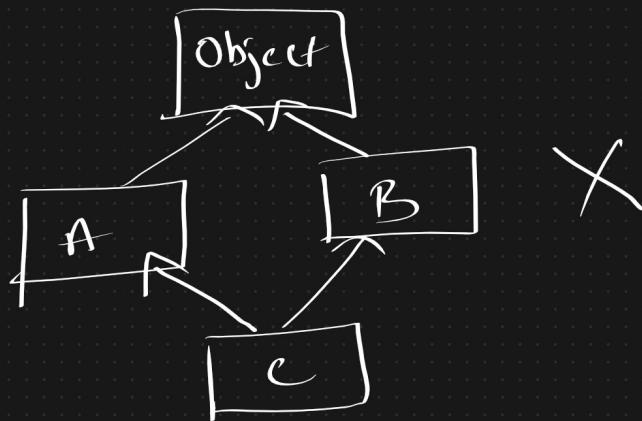


=> Inheritance and Polymorphism

=>



=> Rules to override methods:

=> Access specifier / modifiers

→ public	✓	public int age;	}
→ protected	✓	protected int age;	
→ default	✓	int age;	
→ private	✓	private int age;	

✓ public void disp()	✓ protected void disp()
{	{
—	
—	
—	
}	}

void disp()	✓ private void disp()
{	{
—	
—	
—	
}	}

Package - Folder

Example -> calculator

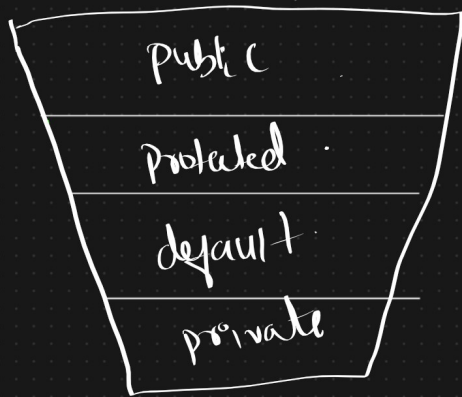
→ Add => multiple class
→ Sub => multiple class
→ mul —
→ Div —

add -> (age)

sub A

	within a class	within a package outside class	outside package in (is-relationship)	outside package no is-A relationship
Public	✓	✓	✓	✓
protected	✓	✓	✓	✗
{ default }	✓	✓	✗	✗
private	✓	✗	✗	✗

visibility decreases ↓



↑ visibility increases