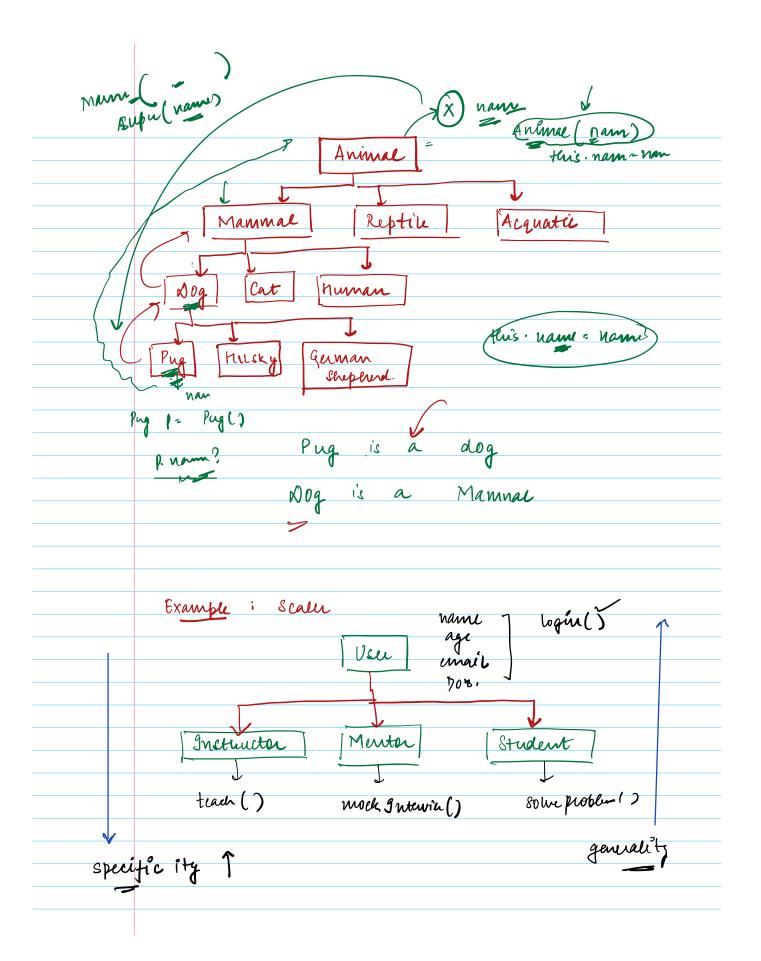
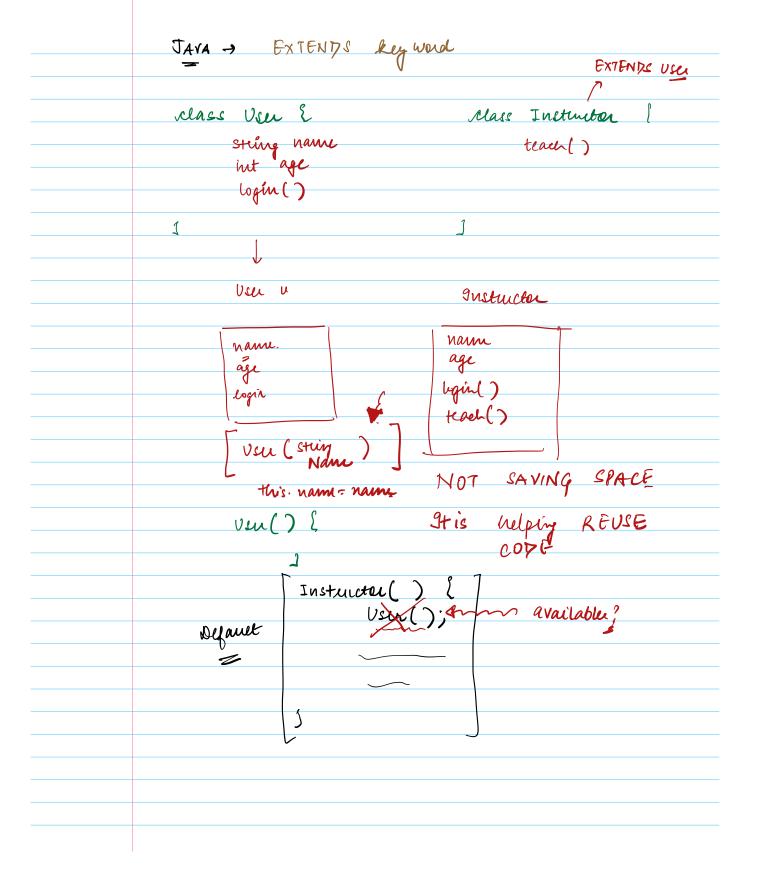
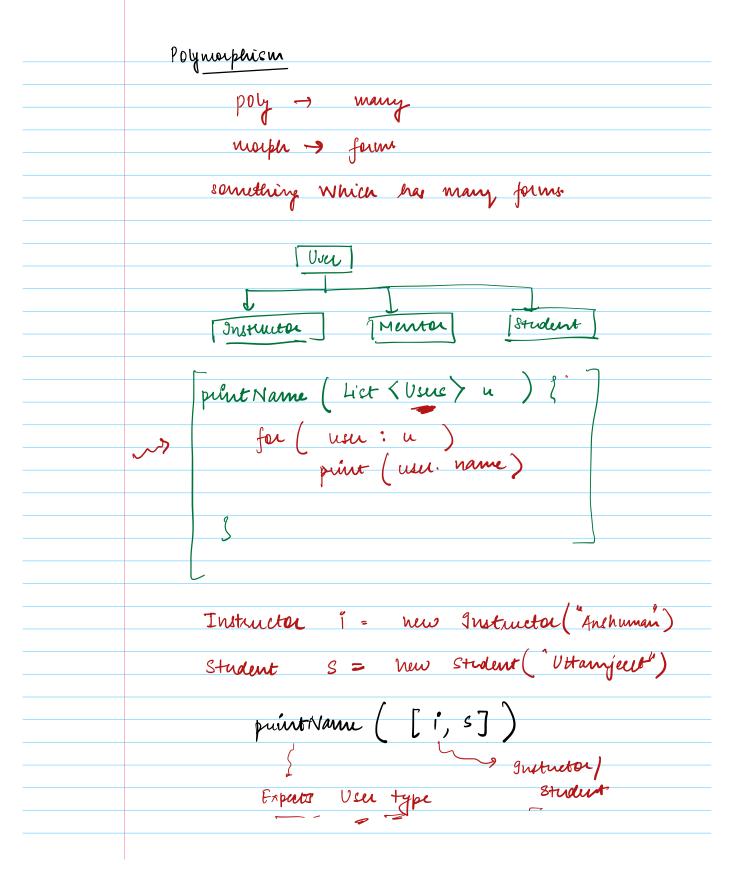


Inheritance model real life situations into software systems 00P → parent/ Base/ Superclass Real world scenarios. Vehicle Trolor, ful Type Start Engine (), stop Engine () , suild/ derivery Car Motorcycle substan has Side Can doors is convertele Helps vs REUSF rommon properties and behaviours defined in base class across derived classes. Code organisation Relation Extensibility





packag package class student extends User ( print Marke ( print ( name + " = ")



We are allowed to have shild class
in a variable that represents
pallon
dellived Clare
Base Clasi
$\left(\begin{array}{c} p_{r-1} \end{array}\right)$
. ,
User u = new student ();
Vsu u = new statem ()