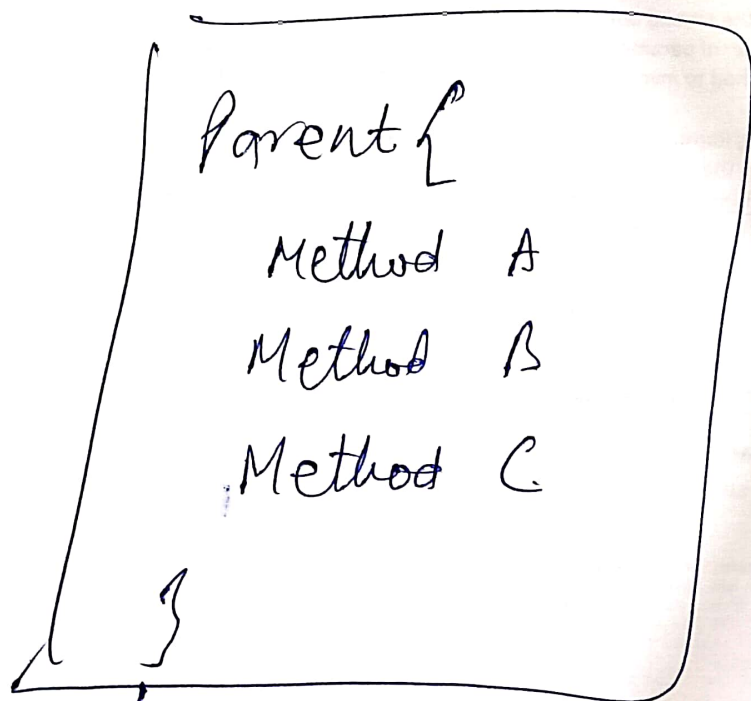
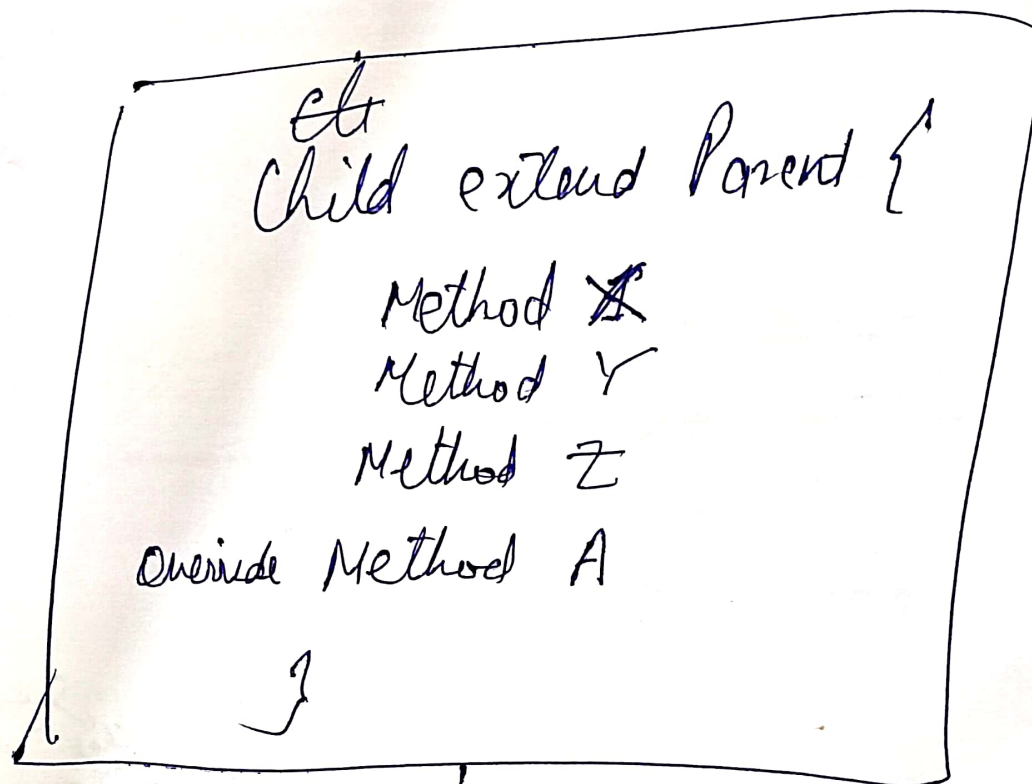


~~1000~~

## Inheritance



→ so overall Method in Parent A, B, C.



→ so overall Method in child X, Y, Z, Override A, B, C

pointing to parent object.

so

Parent PP = new Parent()

Parent PE = new Child() ✗

parent point to  
child object.

→ but since child contains Method X, Y, Z not in Parent so not possible. Compile time error



Pointing to parent object (so all their methods & parents are there in child so ok)

child CP = new Parent()

child CC = new child()

During  
Compile time  
check for  
LHS side.

during runtime check  
for RHS side