Inheritance

```
Parent {
    Method A
    Method B
    Method C
}
```

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

```
Child extend Parent {
    Method X
    Method Y
    Method Z
Override Method A
}
```

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

So

```
Parent PP = new Parent()
```
pointing to parent object.

```
Parent PC = 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 (~~wh~~ so all them methods of parents are there in child so ok)

Child CP = new Parent( ) ✓

Child CC = new Child( ) ✓

During compile time check for ~~RH~~ LHS side.

during runtime check for RHS side