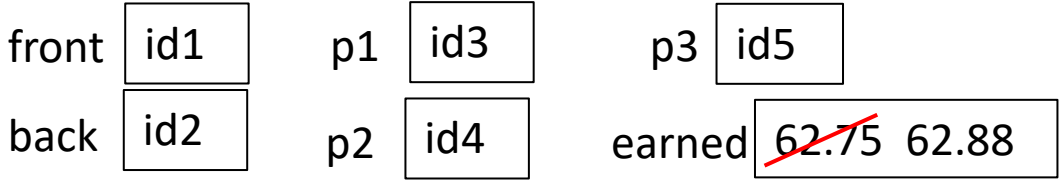
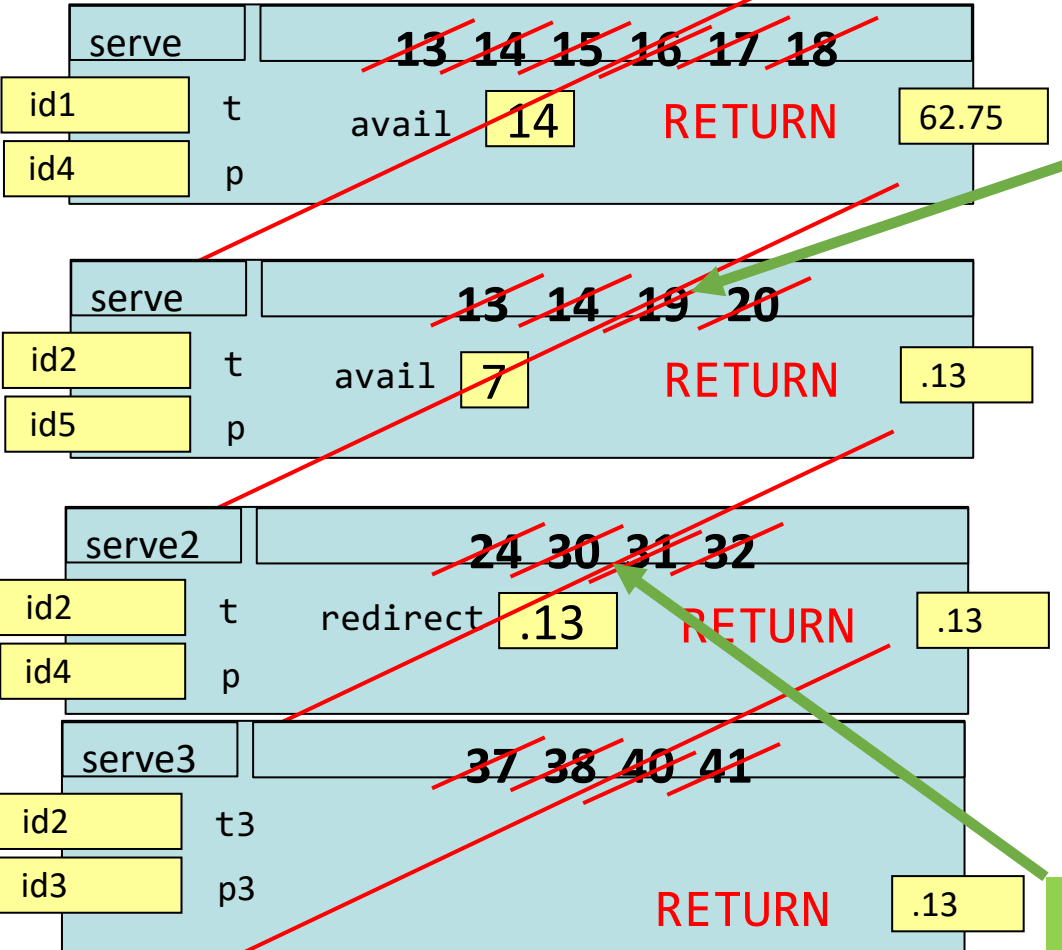


Global Space



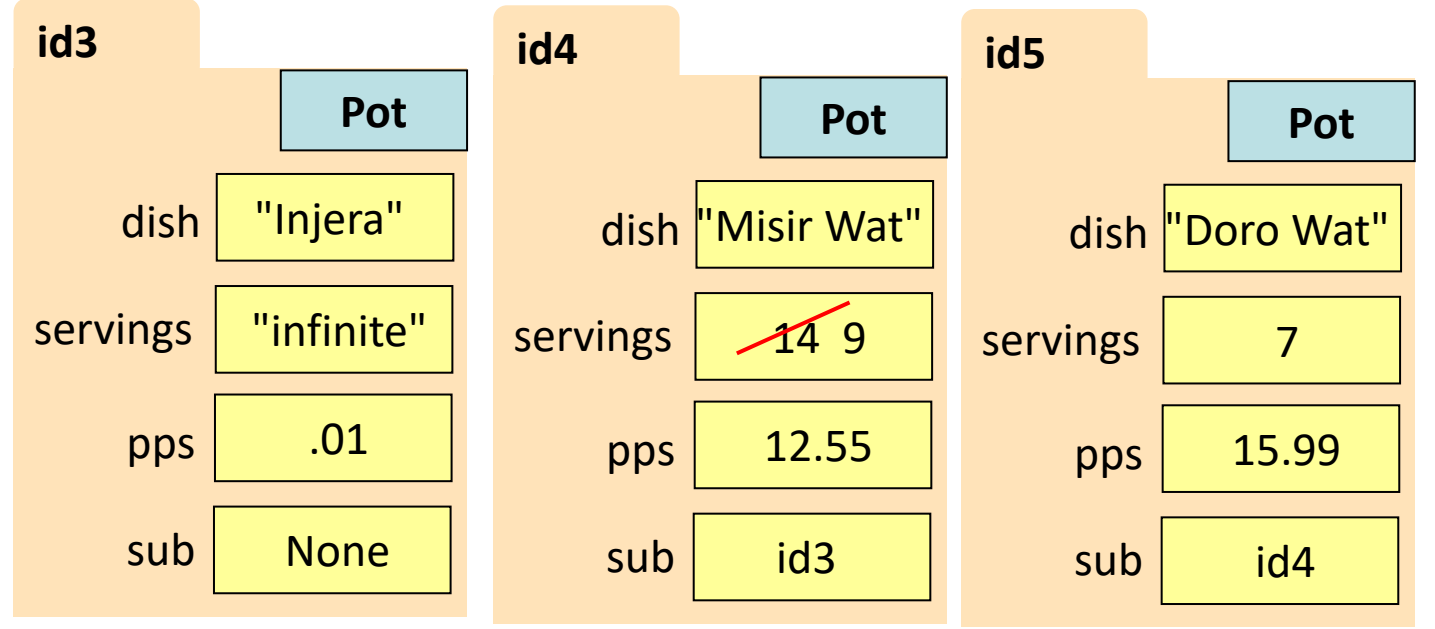
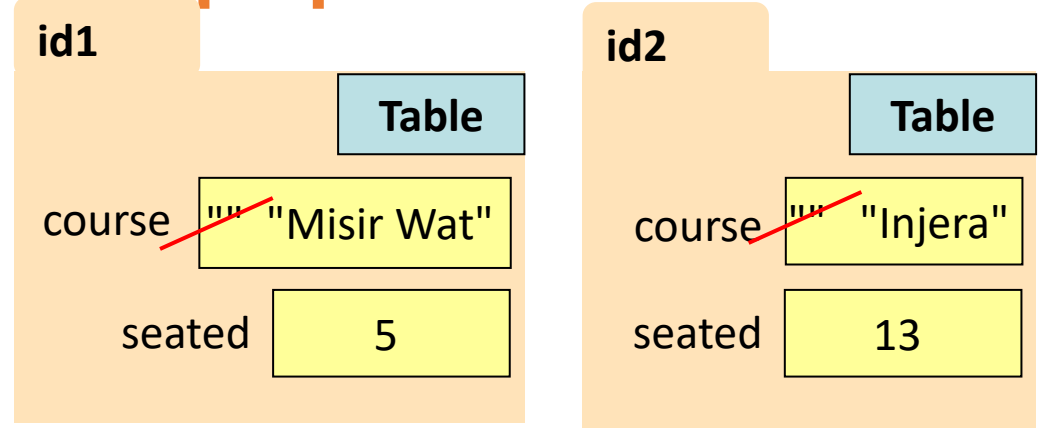
Call Stack (growing downwards)



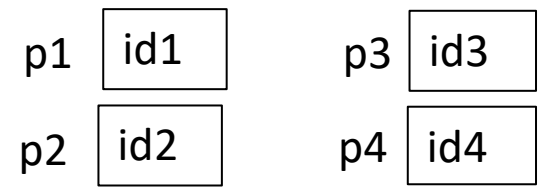
19 should be there, but we didn't deduct for missing it if 20 was there.

30 should be there, but we didn't deduct for missing it if 31&32 was there.

Heap Space



Global Space



Q1 (just after lines 8-9)
 p3.dish: "Doro Wat"
 p3.sub.dish: "Misir Wat"
 p4.dish: "Misir Wat"
 p4.sub.dish: "Misir Wat"

Q2 (just after line 2—25)
 p3.dish: "Doro Wat"
 p3.sub.dish: "Tibs Wat"
 p4.dish: "Misir Wat"
 p4.sub.dish: "Tibs Wat"

Q3 (just after line 37)
 p3.dish: "Doro Wat"
 p3.sub.dish: "Tibs Wat"
 p4.dish: "Misir Wat"
 p4.sub.dish: "Tibs Wat"

Q4 (just after line 49)
 p3.dish: "Doro Wat"
 p3.sub.dish: "Tibs Wat"
 p4.dish: "Misir Wat"
 p4.sub.dish: "Shiro Wat"

Note that lines 8 and 9 make p3's sub be the *same object* as p4's sub. So if we change that Pot to hold Tibs Wat, that will be the substitute dish for both p3 and p4.

Line 37 makes p4's sub a *different* object from p3's sub.

Heap Space

