

print child 1 when:

- $c1 \neq 0$, $c2 \neq 0$, $c3 \neq 0$
- $c1 \neq 0$, $c2 = 0$, $c3 \neq 0$
- $c1 = 0$, $c2 = 0$, $c3 = 0$
- $c1 = 0$, $c2 \neq 0$, $c3 = 0$

print child 2 when:

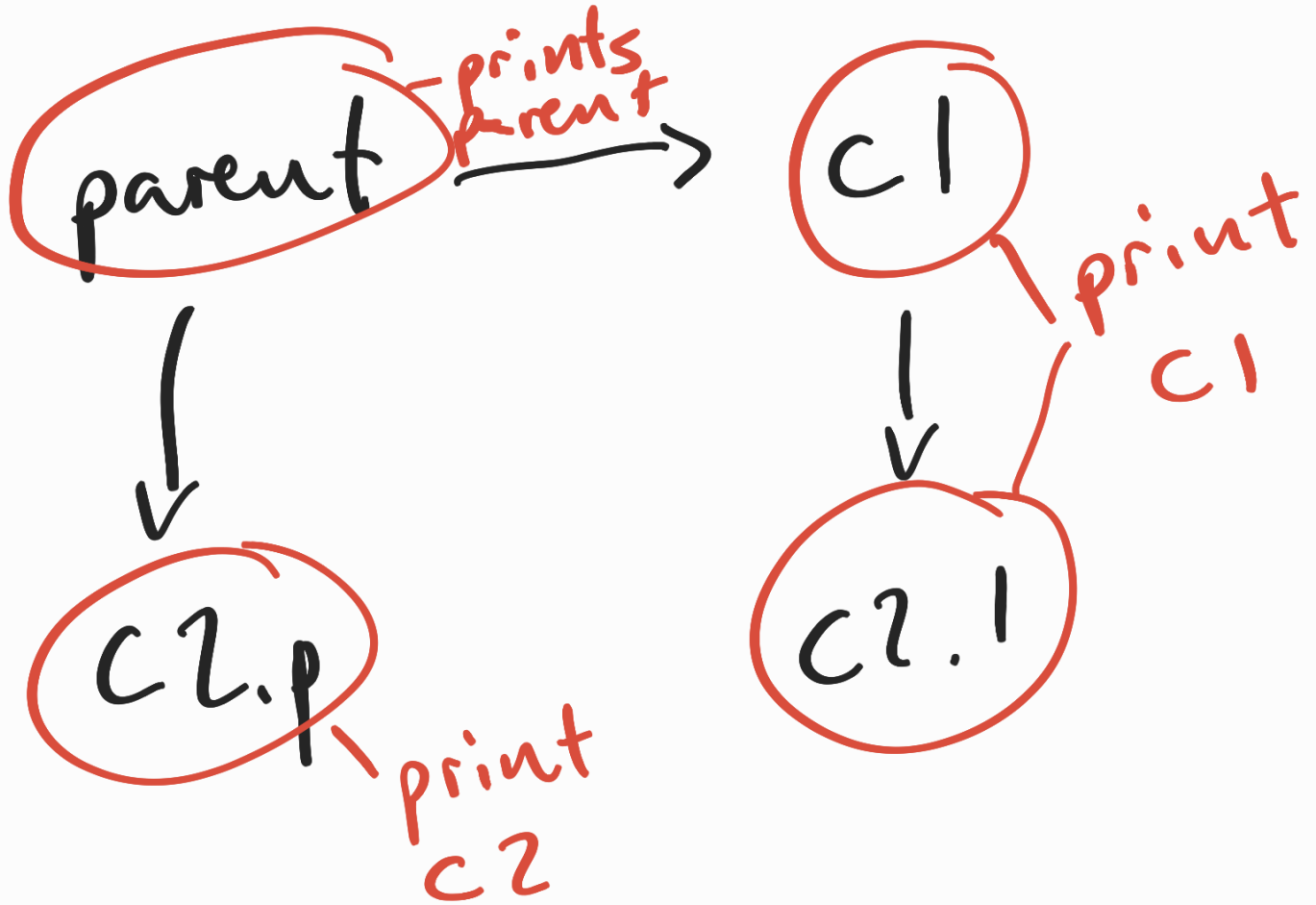
- $c2 = 0$, $c3 \neq 0$
- $c2 = 0$, $c3 = 0$

print child 3 when:

- $c3 = 0$

print parent when:

- $c1 \neq 0$, $c2 \neq 0$, $c3 \neq 0$



* as long as the if/else if statements are written in order.