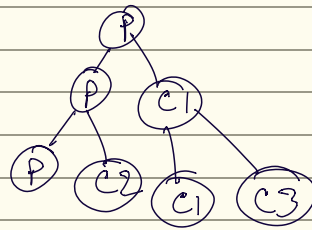
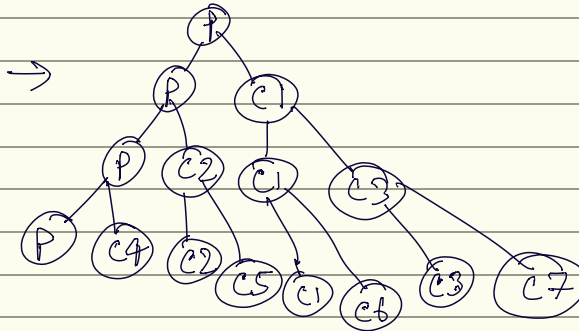


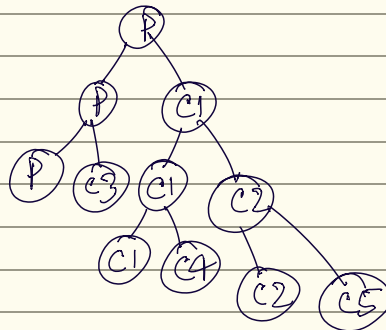
i) fork();
 fork();
 printf("A");
 ↓
 AAAA



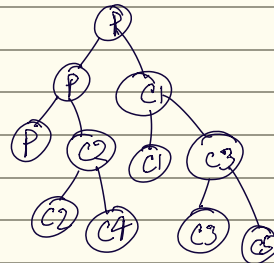
ii) fork();
 fork();
 fork();
 printf("A");
 ↓
 AAAAAAA



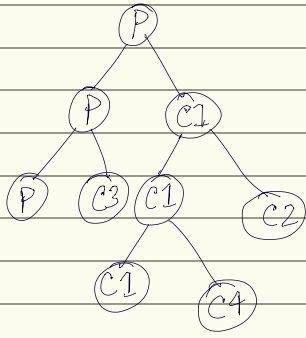
iii) a = fork();
 if (a == 0)
 fork();
 fork();
 printf("A");
 ↓
 AAAAA



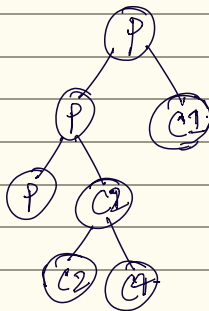
iv) fork();
 a = fork();
 if (a == 0)
 fork();
 printf("A");
 ↓
 AAAAA



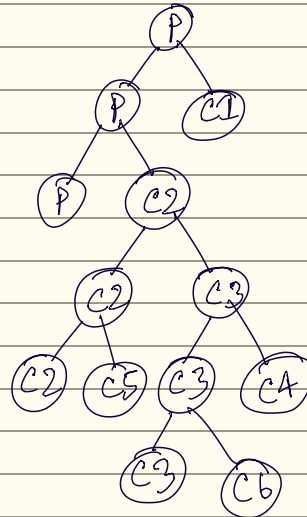
1.
if (fork() || fork())
fork();



2.
if (fork()) {
if (!fork()) {
fork();
printf("1");
}
else {
printf("2");
}
}
else {
printf("3");
}
printf("4");

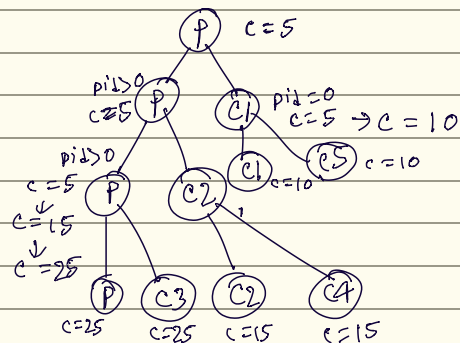


3.
if (fork() && (!fork())) {
if (fork() || fork()) {
fork();
}
}
printf("2");



2 2 2 2 2 2 2

4.
c = 5;
pid = fork();
if (pid == 0)
c += 5;
else {
pid = fork();
c += 10;
if (pid) {
c += 10;
}
}
fork();
printf("id: %d", c);



→ Total 6 processes

→ Possible output of c = {10, 15, 25}