app1

s1.1 — aquire(p9) → s1.2 — sleep(4) / release(p9) → s1.3

aquire(p9 or p10)
s2.1 → s2.2 — sleep(3) / release(p9 or p10) → s2.3

s3.1 — aquire(p10) → s3.2 — sleep(5) / release(p10) → s3.3