

SETUP
CWP = 0
SWP = 0
cansane = F-1
cannestore = 0

CALL

YES
cansane > 0?

NO

NO SPILL

cannestore = CWP
SHIFT CWP
cansane - 1

SPILL

cannestore = CWP
SWP = CWP + 1
SPILL SWP
SHIFT CWP

cannestore == swp?

YES

NO

FILL

FILL SWP
dec SWP

NO FILL

cansane + 1

dec cannestore
dec CWP