

```

PROGRAM 8A-b;
VAR S: SEMAFORO;
BEGIN
    INIT_SEM( S, 0 );
    PARBEGIN
        BEGIN
            PARBEGIN
                BEGIN
                    S1;
                    PARBEGIN
                        S3;
                        BEGIN
                            S4; S6; SIGNAL( S );
                        END
                    PAREND
                    S9;
                END
            BEGIN
                PARBEGIN
                    WAIT( S ); WAIT( S );
                PAREND
                SA; SC;
            END
        PAREND
        SD;
    END
    BEGIN
        S2; S5;
        PARBEGIN
            SIGNAL( S );
            BEGIN
                PARBEGIN
                    S7; S8;
                PAREND
                SB;
            END
        PAREND
    END
PAREND
END
END

```