Caso 1:

	S1	S2	S3	S4	S5	S6	S7
S1	0	1	1	0	0	0	0
S2	0	0	0	1	0	0	0
S3	0	0	0	0	0	0	1
S4	0	0	0	0	1	1	0
S5	0	0	0	0	0	0	1
S6	0	0	0	0	0	0	1
S7	0	0	0	0	0	0	0
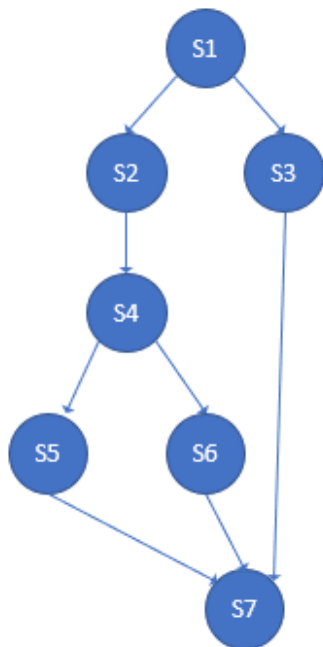
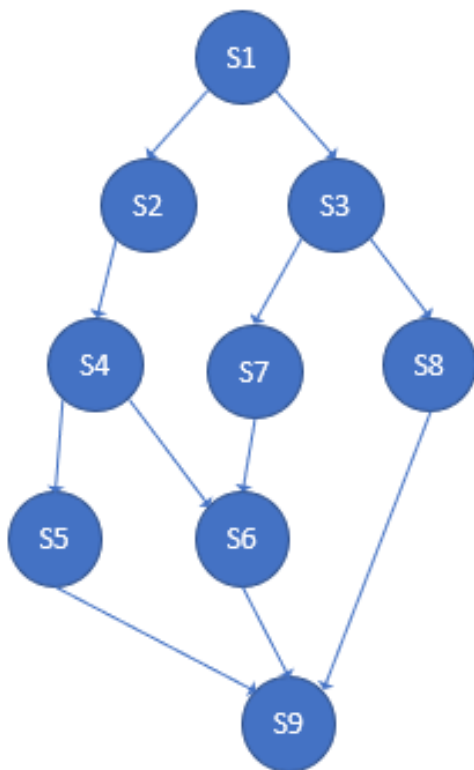

```
        S1;
        CONT-S7 := 3;
        FORK L1;
        S2;
        S4;
        FORK L2;
        S5;
        GOTO L3;
L2:     S6;
        GOTO L3;
L1:     S3;
L3:     JOINT CONT-S7;
        S7;
```

Caminos (flujos) válidos:

- S1; S2; S4; S5; S7
- S1; S2; S4; S6; S7
- S1; S3; S7

Caso 2:

	S1	S2	S3	S4	S5	S6	S7	S8	S9
S1	0	1	1	0	0	0	0	0	0
S2	0	0	0	1	0	0	0	0	0
S3	0	0	0	0	0	0	1	1	0
S4	0	0	0	0	1	1	0	0	0
S5	0	0	0	0	0	0	0	0	1
S6	0	0	0	0	0	0	0	0	1
S7	0	0	0	0	0	1	0	0	0
S8	0	0	0	0	0	0	0	0	1
S9	0	0	0	0	0	0	0	0	0


```
        S1;
        CONT-S6 := 2;
        CONT-S9 := 3;
        FORK L1;
        S2;
        S4;
        FORK L2;
        S5;
        GOTO L4;
L1:     S3;
        FORK L3;
        S7;
L2:     JOINT CONT-S6;
        S6;
        GOTO L4;
L3:     S8;
L4:     JOINT CONT-S9;
        S9;
```
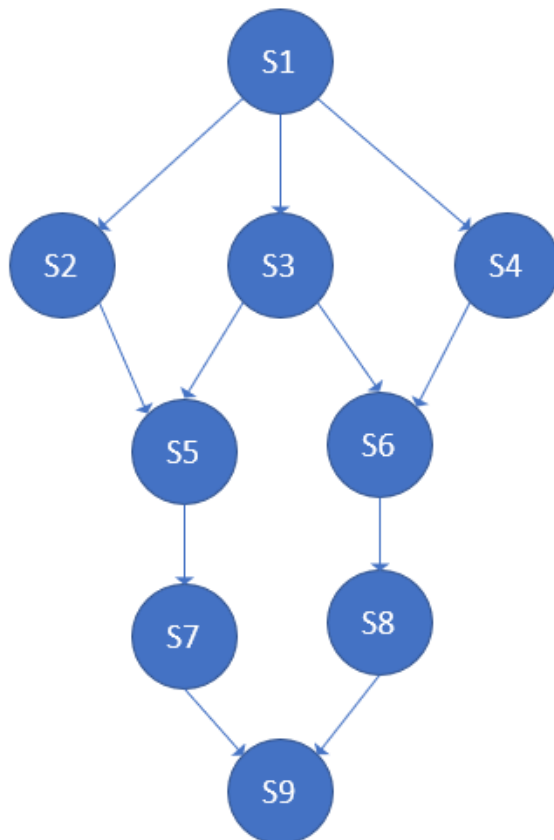
Caminos (flujos) válidos:

- S1; S2; S4; S5; S9
- S1; S2; S4; S6; S9
- S1; S3; S7; S6; S9
- S1; S3; S8; S9

Caso 3:

	S1	S2	S3	S4	S5	S6	S7	S8	S9
S1	0	1	1	1	0	0	0	0	0
S2	0	0	0	0	1	0	0	0	0
S3	0	0	0	0	1	1	0	0	0
S4	0	0	0	0	0	1	0	0	0
S5	0	0	0	0	0	0	1	0	0
S6	0	0	0	0	0	0	0	1	0
S7	0	0	0	0	0	0	0	0	1
S8	0	0	0	0	0	0	0	0	1
S9	0	0	0	0	0	0	0	0	0


```
        S1;
        CONT-S5 := 2;
        CONT-S6 := 2;
        CONT-S9 := 2;
        FORK L1;
        FORK L2:
        S2;
        GOTO L3;
L1:     S3:
        FORK L4:
L3:     JOINT CONT-S5;
        S5;
        S7;
        GOTO L5;
L2:     S4;
L4:     JOINT CONT-S6;
        S6;
        S8;
L5:     JOINT CONT-S9;
        S9;
```

Caminos (flujos) válidos:

- S1; S2; S5; S7; S9
- S1; S3; S5; S7; S9
- S1; S3; S6; S8; S9
- S1; S4; S6; S8; S9