

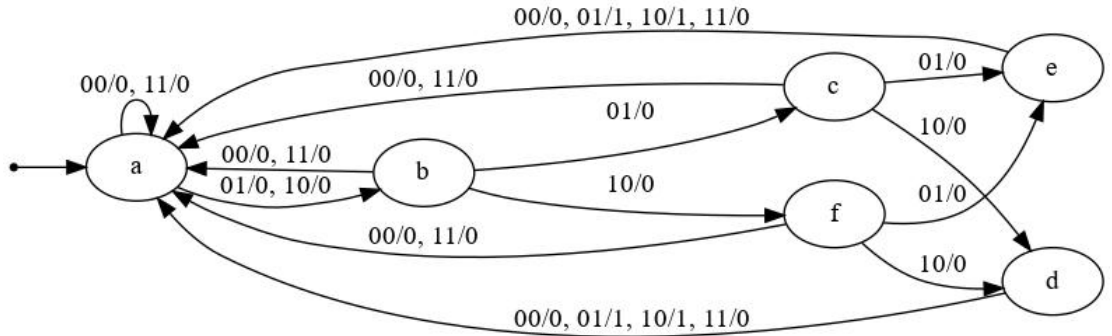
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Project 3 - State Minimization

A. Input kiss file (input.kiss)

```
.start_kiss
.i 2
.o 1
.p 24
.s 6
.r a
00 a a 0
01 a b 0
10 a b 0
11 a a 0
00 b a 0
01 b c 0
10 b f 0
11 b a 0
00 c a 0
01 c e 0
10 c d 0
11 c a 0
00 d a 0
01 d a 1
10 d a 1
11 d a 0
00 e a 0
01 e a 1
10 e a 1
11 e a 0
00 f a 0
01 f e 0
10 f d 0
11 f a 0
.end_kiss
```

B. Input (original) STG



C. Output kiss File (output.kiss)

```
.start_kiss
.i 2
.o 1
.p 16
.s 4
.r a
00 a a 0
01 a b 0
10 a b 0
11 a a 0
00 b a 0
01 b c 0
10 b c 0
11 b a 0
00 c a 0
01 c d 0
10 c d 0
11 c a 0
00 d a 0
01 d a 1
10 d a 1
11 d a 0
.end_kiss
```

D. Output dot file (output.dot)

```
digraph STG {
    rankdir=LR;

    INIT [shape=point];
    a [label="a"];
    b [label="b"];
    c [label="c"];
    d [label="d"];

    INIT -> a;
    a -> a [label="00/0, 11/0"];
    a -> b [label="01/0, 10/0"];
    b -> a [label="00/0, 11/0"];
    b -> c [label="01/0, 10/0"];
    c -> a [label="00/0, 11/0"];
    c -> d [label="01/0, 10/0"];
    d -> a [label="00/0, 01/1, 10/1, 11/0"];
}
```

E. Output STG

