```
102
201
 find depth=3
 total nodes=4
 initial board:102
 1 move right, 120
 2 jump left,  021
 3 move right, 201
```

```
11022
21210
 find depth=5
 total nodes=16
 initial board:11022
 1 move right, 11202
 2 jump left,  10212
 3 move left,  01212
 4 jump right, 21012
 5 jump right, 21210
```

```
11022
22011
 find depth=8
 total nodes=26
 initial board:11022
 1 move right, 11202
 2 jump left,  10212
 3 move left,  01212
 4 jump right, 21012
 5 jump right, 21210
 6 move left,  21201
 7 jump left,  20211
 8 move right, 22011
```

```
111102222
212101212
 find depth=12
 total nodes=208
 initial board:111102222
 1 move right, 111120222
 2 jump left,  111021222
 3 move left,  110121222
 4 jump right, 112101222
 5 jump right, 112121022
 6 move right, 112121202
 7 jump left,  112120212
 8 jump left,  112021212
 9 jump left,  102121212
10 move left,  012121212
11 jump right, 210121212
12 jump right, 212101212
```

```
123101111
111101321
 find depth=15
 total nodes=447
 initial board:123101111
 1 jump left,  120131111
 2 move right, 121031111
 3 jump left,  101231111
 4 move right, 110231111
 5 jump right, 113201111
 6 move left,  113021111
 7 jump right, 113120111
 8 move right, 113121011
 9 jump left,  113101211
10 jump left,  110131211
11 move right, 111031211
12 jump right, 111130211
13 jump right, 111131201
14 move left,  111131021
15 jump left,  111101321
```

```
054321
012345
 find depth=16
 total nodes=715
 initial board:054321
 1 jump right, 450321
 2 move right, 453021
 3 move right, 453201
 4 jump left,  450231
 5 move left,  405231
 6 jump right, 425031
 7 jump right, 425130
 8 move left,  425103
 9 jump left,  420153
10 jump left,  024153
11 move right, 204153
12 jump right, 214053
13 jump right, 214350
14 move left,  214305
15 jump left,  210345
16 jump left,  012345
```

```
054321
125340
 find depth=15
 total nodes=692
 initial board:054321
 1 move right, 504321
 2 move right, 540321
 3 move right, 543021
 4 jump right, 543120
 5 move left,  543102
 6 jump left,  540132
 7 move left,  504132
 8 jump right, 514032
 9 jump right, 514230
10 move left,  514203
11 jump left,  510243
12 jump left,  015243
13 move right, 105243
14 jump right, 125043
15 jump right, 125340
```

```
0654321
1253406
 find depth=20
 total nodes=4941
 initial board:0654321
 1 jump right, 5604321
 2 move left,  5064321
 3 jump right, 5460321
 4 jump right, 5462301
 5 move right, 5462310
 6 jump left,  5462013
 7 move right, 5462103
 8 jump left,  5460123
 9 move right, 5461023
10 jump left,  5401623
11 move left,  5041623
12 jump right, 5140623
13 jump right, 5142603
14 move right, 5142630
15 jump left,  5142036
16 jump left,  5102436
17 jump left,  0152436
18 move right, 1052436
19 jump right, 1250436
20 jump right, 1253406
```

```
51403216
01631425
 find depth=22
 total nodes=18667
 initial board:51403216
 1 move right, 51430216
 2 jump right, 51431206
 3 move right, 51431260
 4 jump left,  51431062
 5 move right, 51431602
 6 jump left,  51430612
 7 jump left,  51034612
 8 jump left,  01534612
 9 move right, 10534612
10 jump right, 13504612
11 jump right, 13564012
12 move left,  13560412
13 jump left,  13065412
14 move right, 13605412
15 jump right, 13645012
16 move left,  13640512
17 jump right, 13641502
18 move right, 13641520
19 jump left,  13641025
20 jump left,  13601425
21 jump left,  10631425
22 move left,  01631425
```