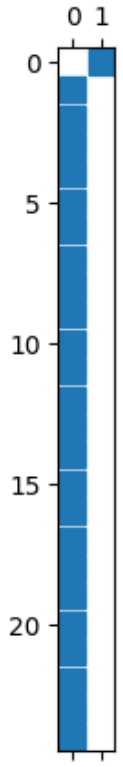
In [ ]:
```
from prime_sieve import sieve_matrix

ps = sieve_matrix(25)

ps.display()
```

	0	1
0	0	1
1	2	0
2	4	0
3	6	0
4	8	0
5	10	0
6	12	0
7	14	0
8	16	0
9	18	0
10	20	0
11	22	0
12	24	0
13	26	0
14	28	0
15	30	0
16	32	0
17	34	0
18	36	0
19	38	0
20	40	0
21	42	0
22	44	0
23	46	0
24	48	0

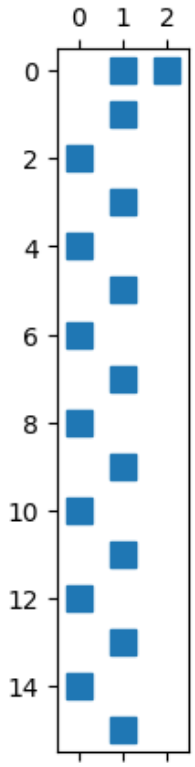


	y	x	value
0	0	1	1
1	1	0	2
2	2	0	4
3	3	0	6
4	4	0	8
5	5	0	10
6	6	0	12
7	7	0	14
8	8	0	16
9	9	0	18
10	10	0	20
11	11	0	22
12	12	0	24
13	13	0	26
14	14	0	28
15	15	0	30
16	16	0	32
17	17	0	34
18	18	0	36
19	19	0	38
20	20	0	40
21	21	0	42
22	22	0	44
23	23	0	46
24	24	0	48

In [ ]:
```
ps.advance()

ps.display()
```

	0	1	2
0	0	2	3
1	0	5	0
2	7	0	0
3	0	11	0
4	13	0	0
5	0	17	0
6	19	0	0
7	0	23	0
8	25	0	0
9	0	29	0
10	31	0	0
11	0	35	0
12	37	0	0
13	0	41	0
14	43	0	0
15	0	47	0

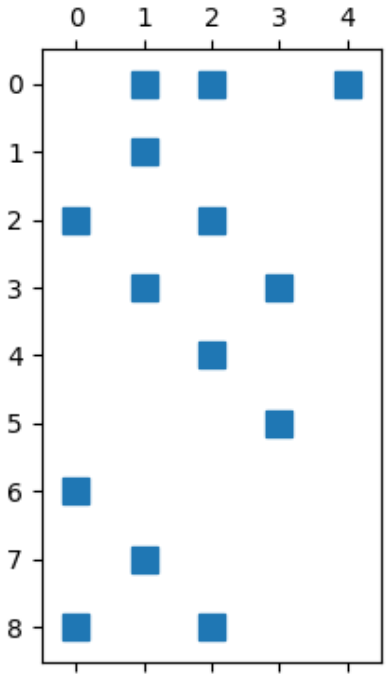


	y	x	value
0	0	1	2
1	0	2	3
2	1	1	5
3	2	0	7
4	3	1	11
5	4	0	13
6	5	1	17
7	6	0	19
8	7	1	23
9	8	0	25
10	9	1	29
11	10	0	31
12	11	1	35
13	12	0	37
14	13	1	41
15	14	0	43
16	15	1	47

In [ ]:
```
ps.advance()

ps.display()
```

	0	1	2	3	4
0	0	2	3	0	5
1	0	7	0	0	0
2	11	0	13	0	0
3	0	17	0	19	0
4	0	0	23	0	0
5	0	0	0	29	0
6	31	0	0	0	0
7	0	37	0	0	0
8	41	0	43	0	0

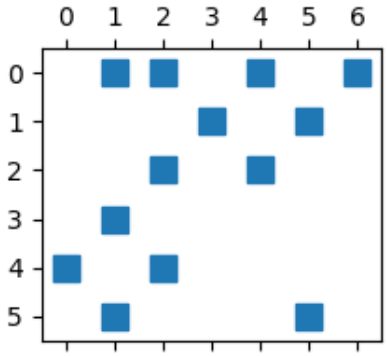


	y	x	value
0	0	1	2
1	0	2	3
2	0	4	5
3	1	1	7
4	2	0	11
5	2	2	13
6	3	1	17
7	3	3	19
8	4	2	23
9	5	3	29
10	6	0	31
11	7	1	37
12	8	0	41
13	8	2	43

In [ ]:
```
ps.advance()

ps.display()
```

	0	1	2	3	4	5	6
0	0	2	3	0	5	0	7
1	0	0	0	11	0	13	0
2	0	0	17	0	19	0	0
3	0	23	0	0	0	0	0
4	29	0	31	0	0	0	0
5	0	37	0	0	0	41	0



	y	x	value
0	0	1	2
1	0	2	3
2	0	4	5
3	0	6	7
4	1	3	11
5	1	5	13
6	2	2	17
7	2	4	19
8	3	1	23
9	4	0	29
10	4	2	31
11	5	1	37
12	5	5	41

In [ ]: