1 Picture-1

Source

attempt
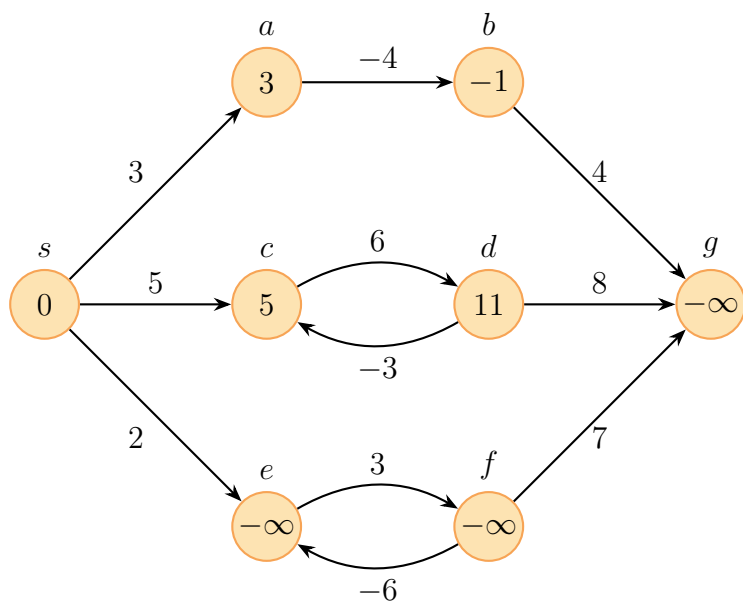
2 Picture-2

Source
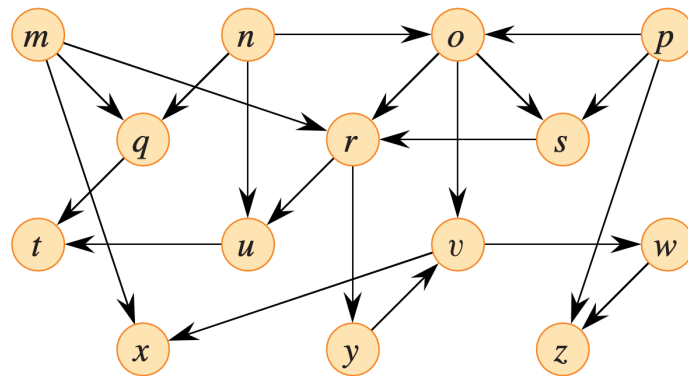
attempt
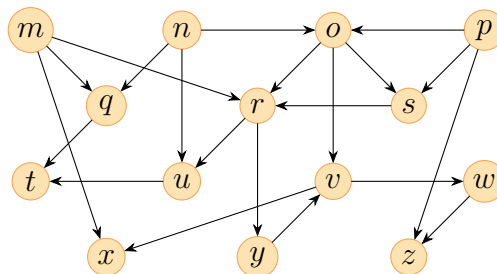
3   Picture-3

Source
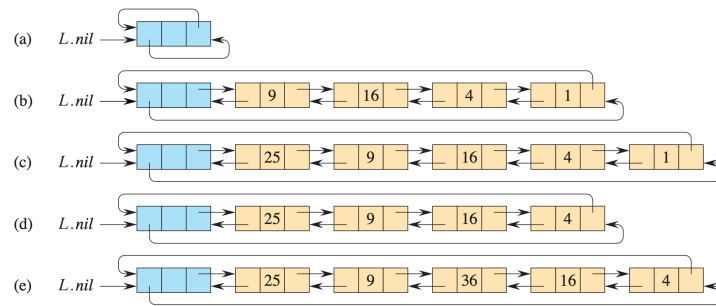
attempt

4   Picture-4

Source

(a)

(b)

(c)

Attempt

(a)

(b)

(c)

5 Picture-5

Source

	1	2	3	4	5	6
(a)	5	2	4	6	1	3

	1	2	3	4	5	6
(b)	2	5	4	6	1	3

	1	2	3	4	5	6
(c)	2	4	5	6	1	3

	1	2	3	4	5	6
(d)	2	4	5	6	1	3

	1	2	3	4	5	6
(e)	1	2	4	5	6	3

	1	2	3	4	5	6
(f)	1	2	3	4	5	6

Attempt

1	2	3	4	5	6
5	2	4	6	1	3

(a)

1	2	3	4	5	6
2	5	4	6	1	3

(b)

1	2	3	4	5	6
2	4	5	6	1	3

(c)

1	2	3	4	5	6
2	4	5	6	1	3

(d)

1	2	3	4	5	6
1	2	4	5	6	3

(e)

1	2	3	4	5	6
1	2	3	4	5	6
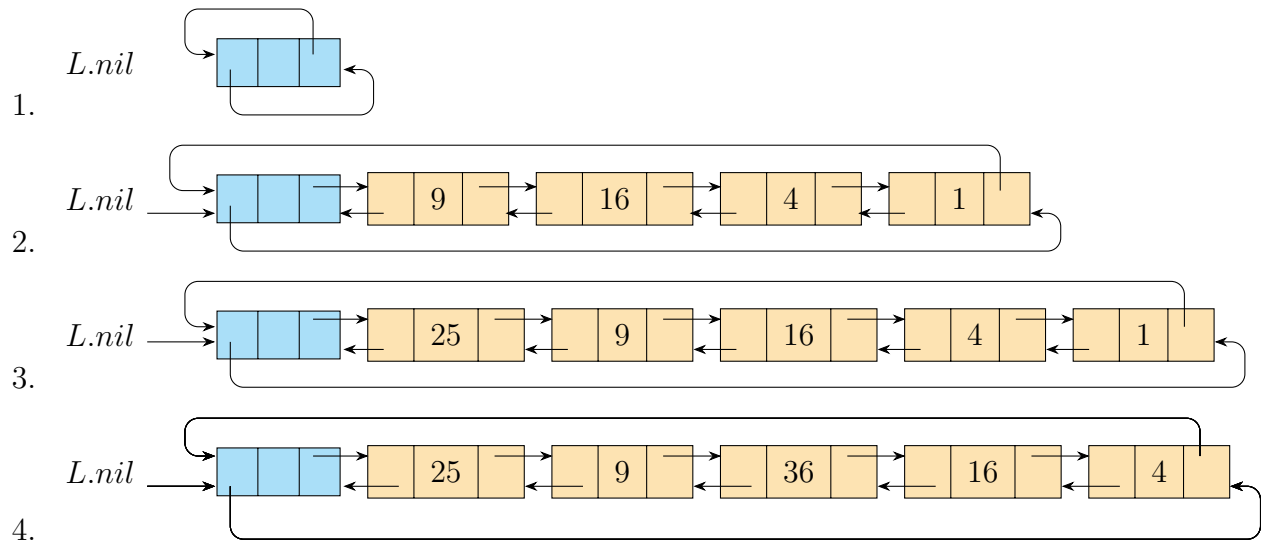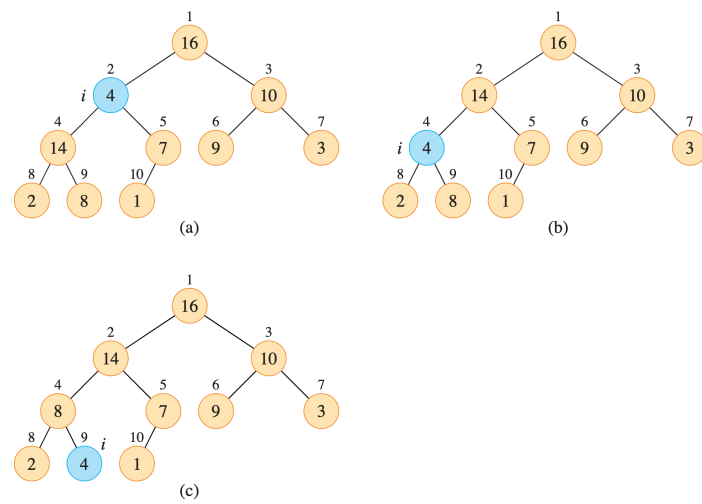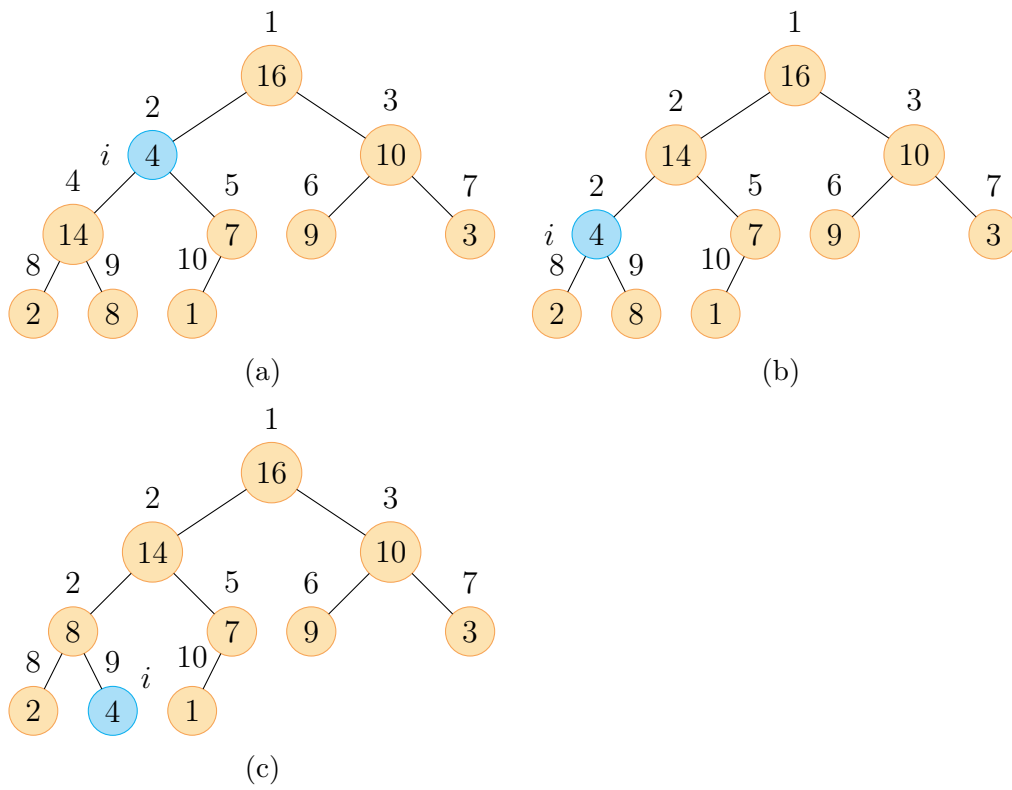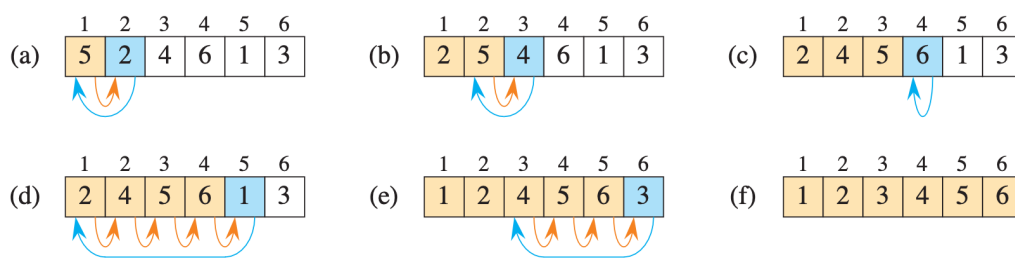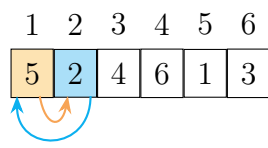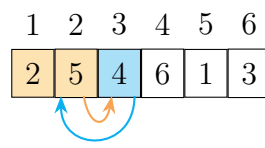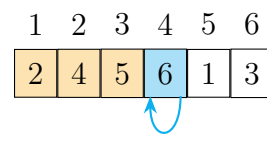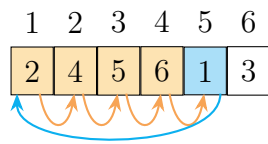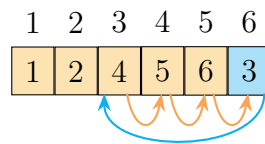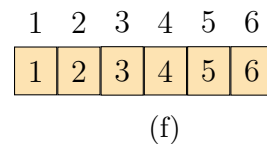
(f)

6 Picture-6

Source

Attempt

$c_n \longrightarrow c_2 n$

$c_n/2 \qquad c_n/2 \longrightarrow c_2 n$

$c_n/4 \qquad c_n/4 \qquad c_n/4 \qquad c_n/4 \longrightarrow c_2 n$

$\lg n + 1$

$c_1 \quad c_1 \quad c_1 \quad c_1 \quad c_1 \quad c_1 \quad c_1 \quad c_1 \quad c_1 \quad c_1 \quad c_1 \quad c_1 \longrightarrow c_2 n$

n

Total: $c_2 n \lg n + c_1 n$