

Exercises 11

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11.4

1 -> 2 -> 3 -> 5 -> 4 -> 6

11.6

1 -> 2 -> 3
-> 4 -> 5
-> 6

11.17

Order: (3, 2), (2, 4), (2, 1), (1, 6), (6, 5)

MST: (3, 2), (2, 4), (2, 1), (1, 6), (6, 5)

11.18

Insert (1, 6)

vertex	1	2	3	4	5	6
connected	1	2	3	4	5	1

Insert (2, 3)

vertex	1	2	3	4	5	6
connected	1	2	2	4	5	1

Insert (5, 6)

vertex	1	2	3	4	5	6
connected	1	2	2	4	1	1

Insert (2, 4)

vertex	1	2	3	4	5	6
connected	1	2	2	2	1	1

Insert (1, 2)

vertex	1	2	3	4	5	6
connected	1	1	2	2	1	1

other edge insert failed.