Algorithms → Graphs → Basic terminology

Basic terminology → Cycles

📊 Medium   🕐 2 minutes   ❓

Below is an undirected graph:
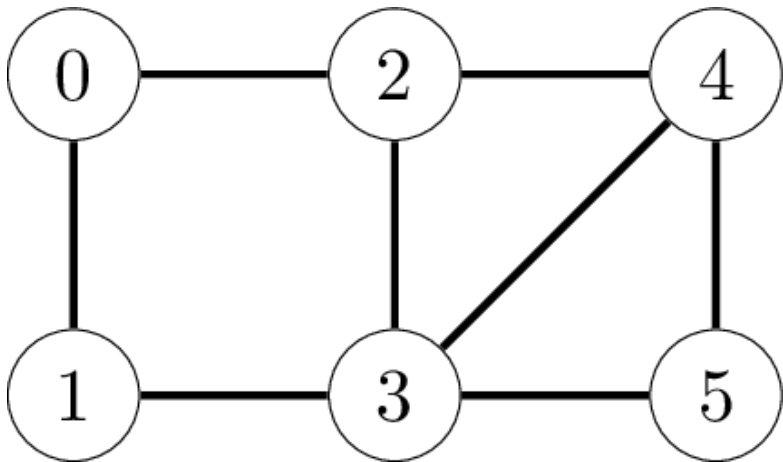
What is the number of cycles in the graph that include the nodes 0 and 1? Print all these cycles in the field below. For example, your output may look like this:

```
1   0 3 4 1 0
2   0 5 2 1 0
```

Take the following restrictions into account:

- All cycles should be simple.
- Each cycle should start and end with the node 0.
- Cycles with reversed order of nodes are the same. For example, $0 - 1 - 2 - 0$ and $0 - 2 - 1 - 0$ are the same cycles.

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↳ Enter a short text

```
0 2 3 1 0
0 2 4 3 1 0
0 2 4 5 3 1 0
```

✓ Correct.

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