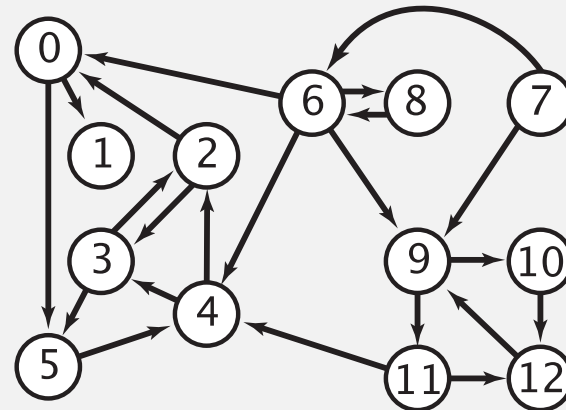


Digraph API

tinyDG.txt

V → 13
22 ← *E*
4 2
2 3
3 2
6 0
0 1
2 0
11 12
12 9
9 10
9 11
7 9
10 12
11 4
4 3
3 5
6 8
8 6
⋮



```
% java Digraph tinyDG.txt
```

```
0->5
0->1
2->0
2->3
3->5
3->2
4->3
4->2
5->4
⋮
11->4
11->12
12->9
```

```
In in = new In(args[0]);
Digraph G = new Digraph(in);
```

← read digraph from
input stream

```
for (int v = 0; v < G.V(); v++)
    for (int w : G.adj(v))
        StdOut.println(v + "->" + w);
```

← print out each
edge (once)