Graph Traversals
- breadth - first
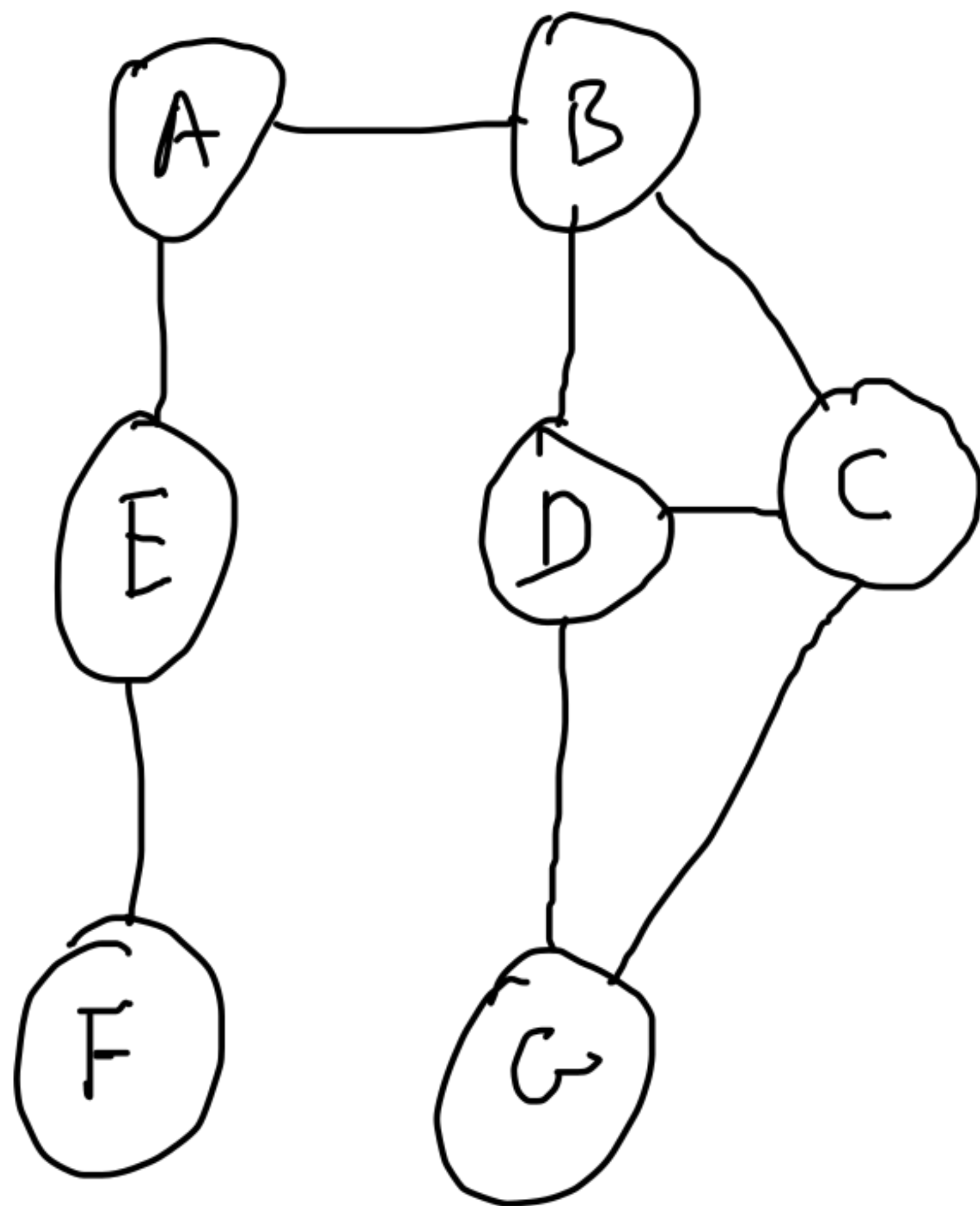
visited

✓	✓	✓	✓	✓	✓	✓
A	B	C	D	E	F	G

queue

~~G~~ ~~F~~ ~~D~~ ~~C~~ ~~E~~ ~~B~~ ~~A~~ →

visited: A, B, E, C, D, F, G

Graph Traversals
- depth - first
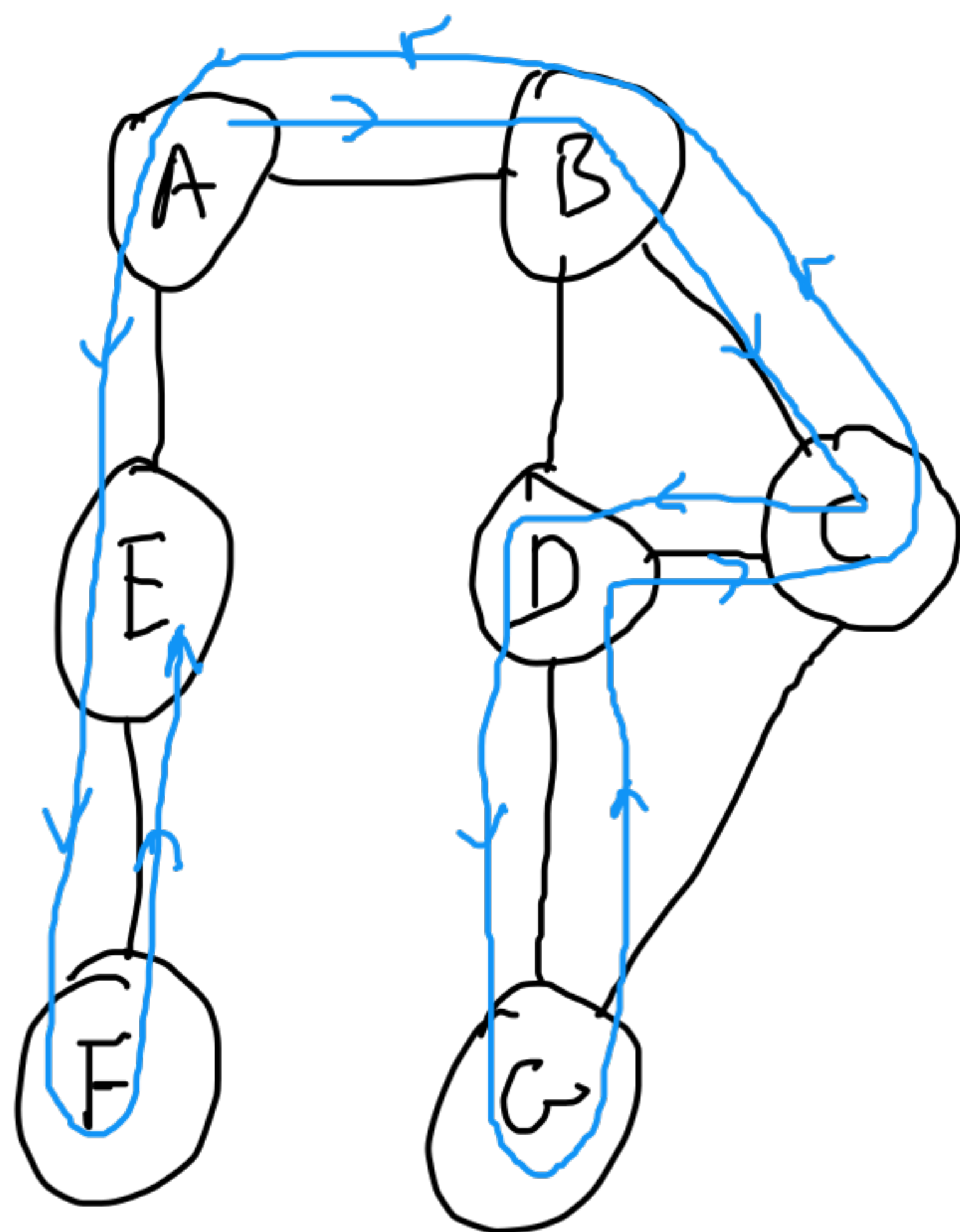
visited

A	B	C	D	E	F	G
√	√	√	√	√	√	√

found: �

current | A B C D E F G |

visited: A, B, C, D, G, E, F

Assignment 5
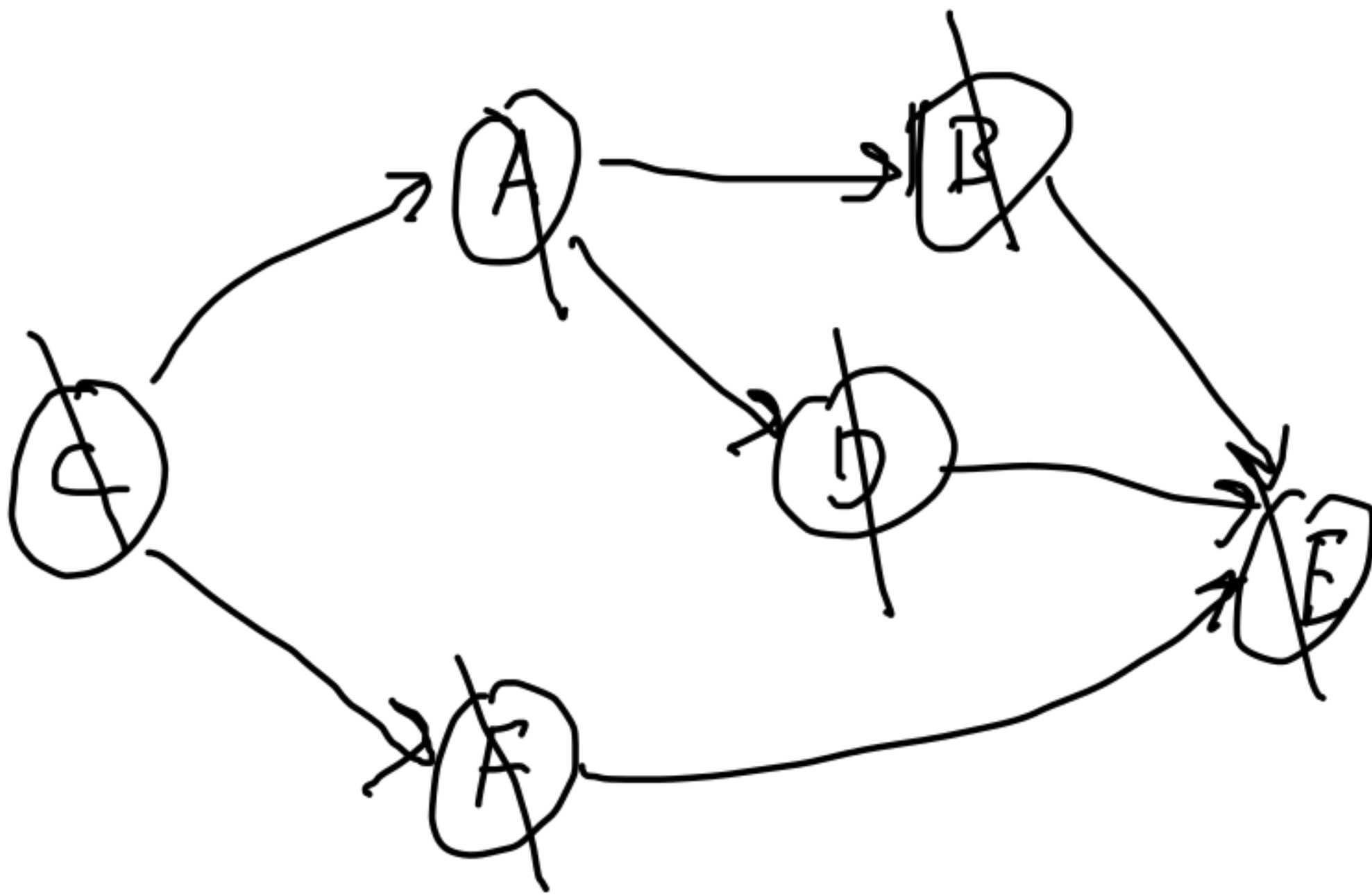
C, A, B, D, F, E

Command Line Arguments
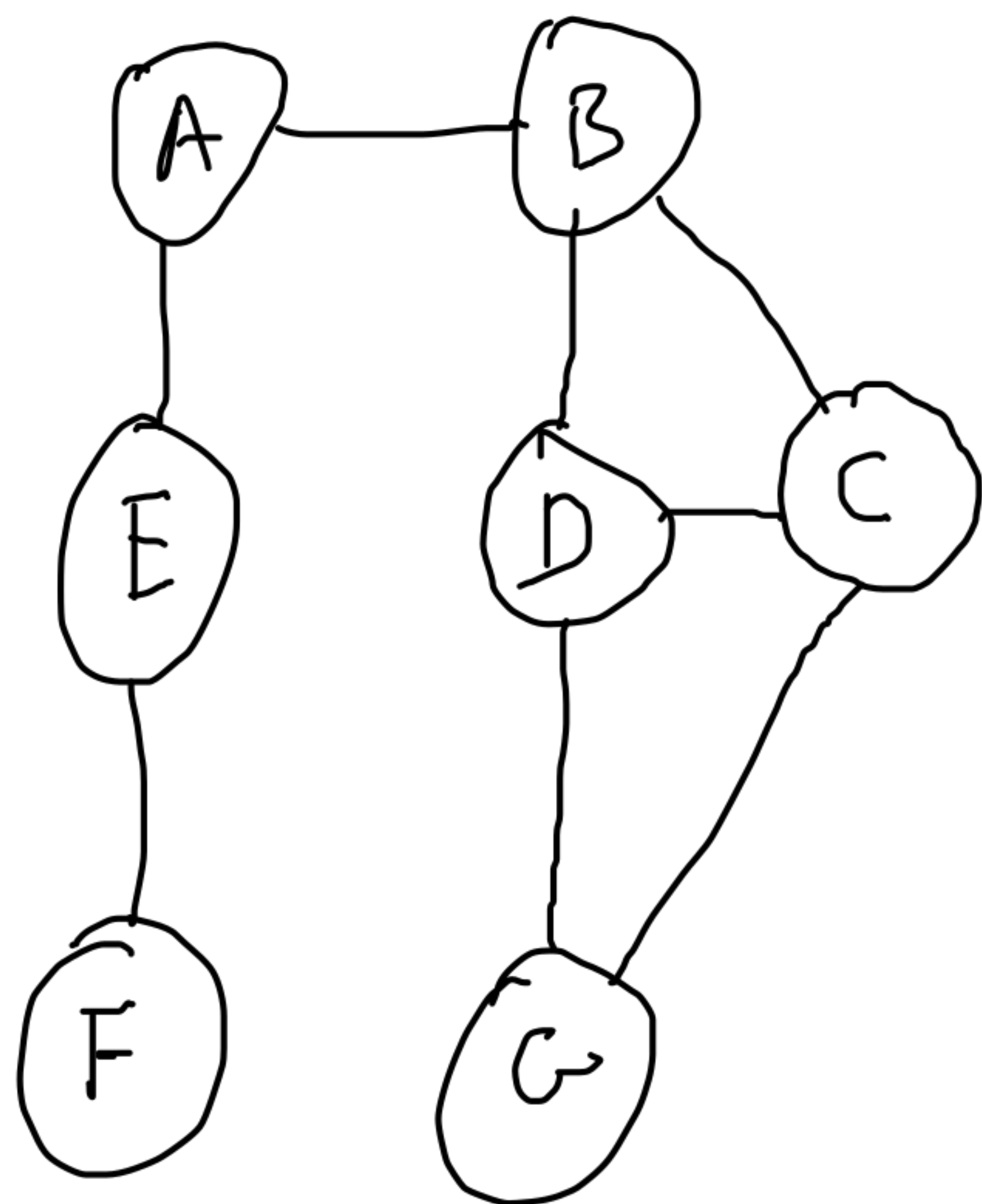
```
public static void main (String[] args) {

    // args[0] is the first argument
    // args[1] is the second argument
    // args.length is the # of arguments

}
```
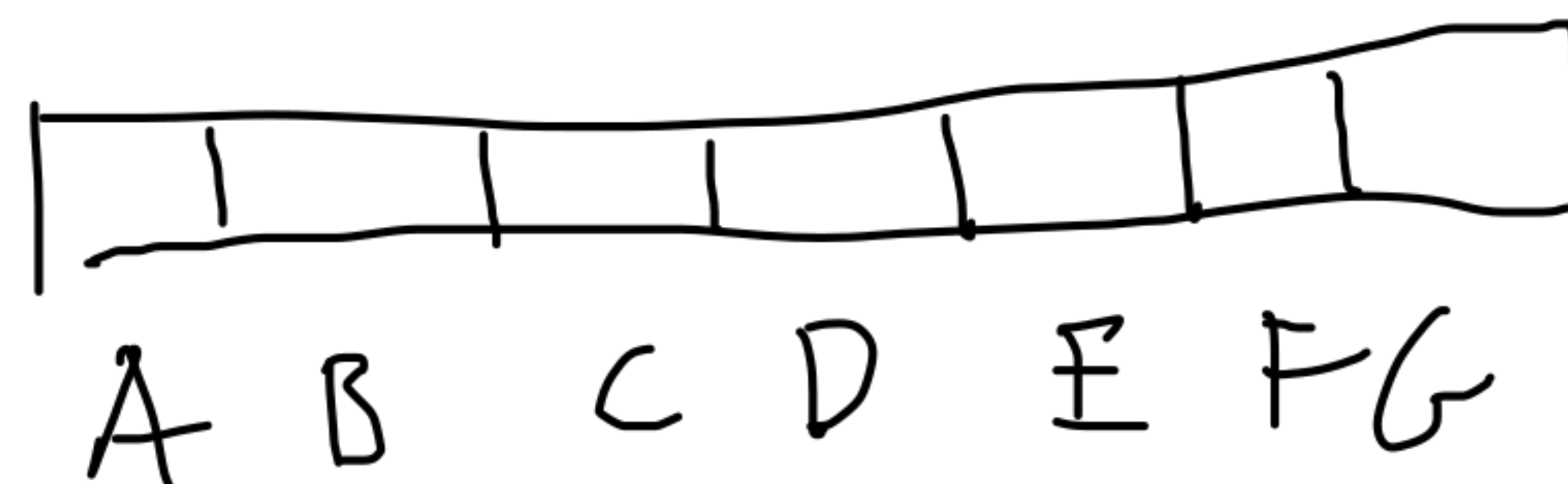
Adajeacy Matrix

	A	B	C	D	E	F	G
A		1			1		
B	1		1	1			
C		1		1			1
D		1	1				1
E	1					1	
F				1			
G			1	1			

vertex info

1						
A	B	C	D	E	F G

Adjacency List