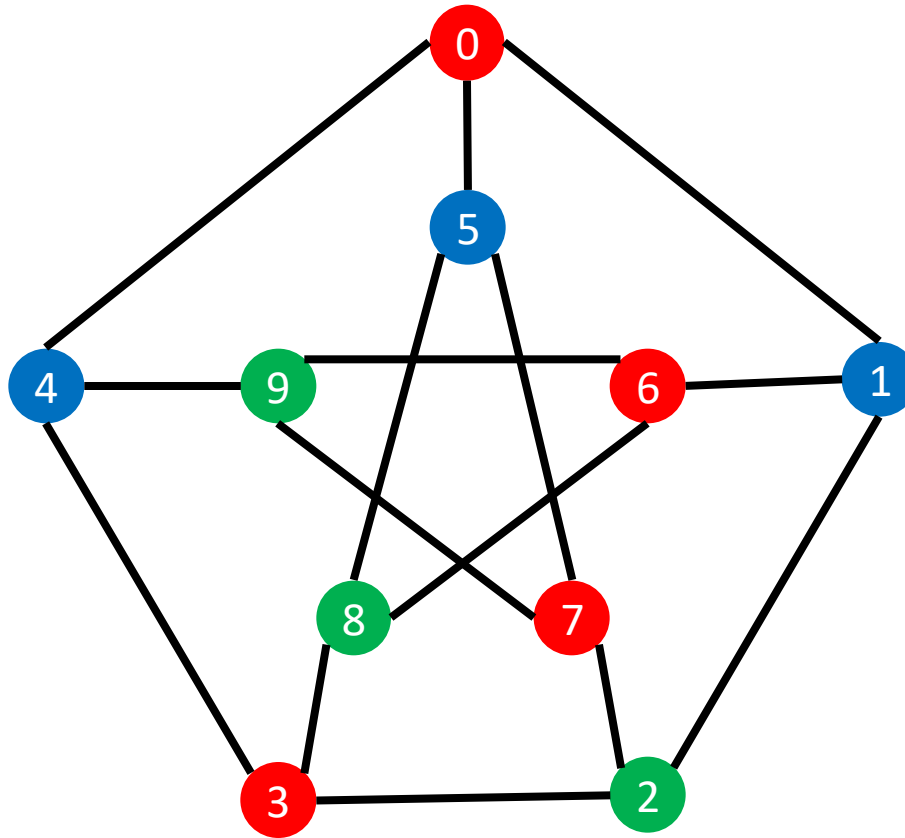
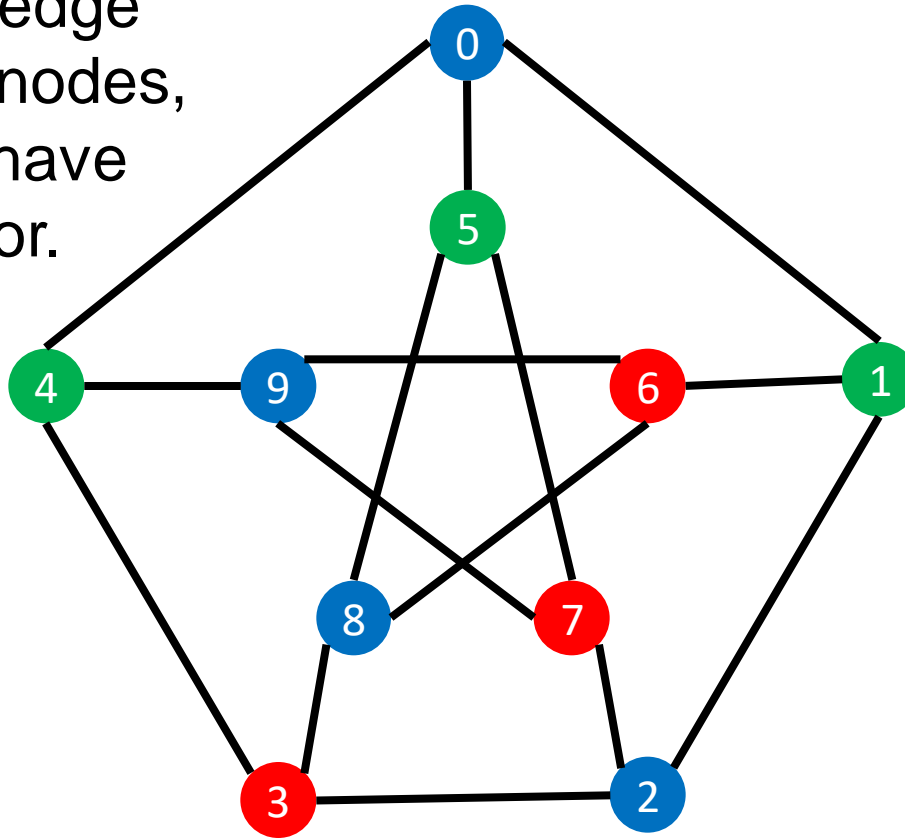


# Graph Coloring

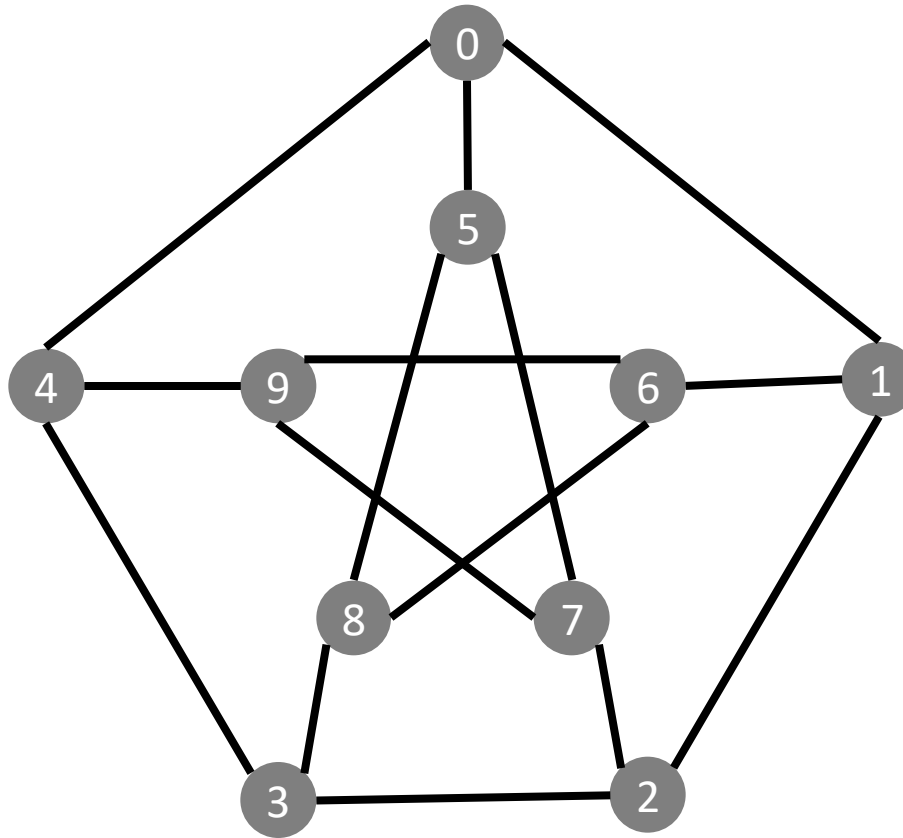


# Graph coloring

If there is an edge between the nodes, they **cannot** have the same color.

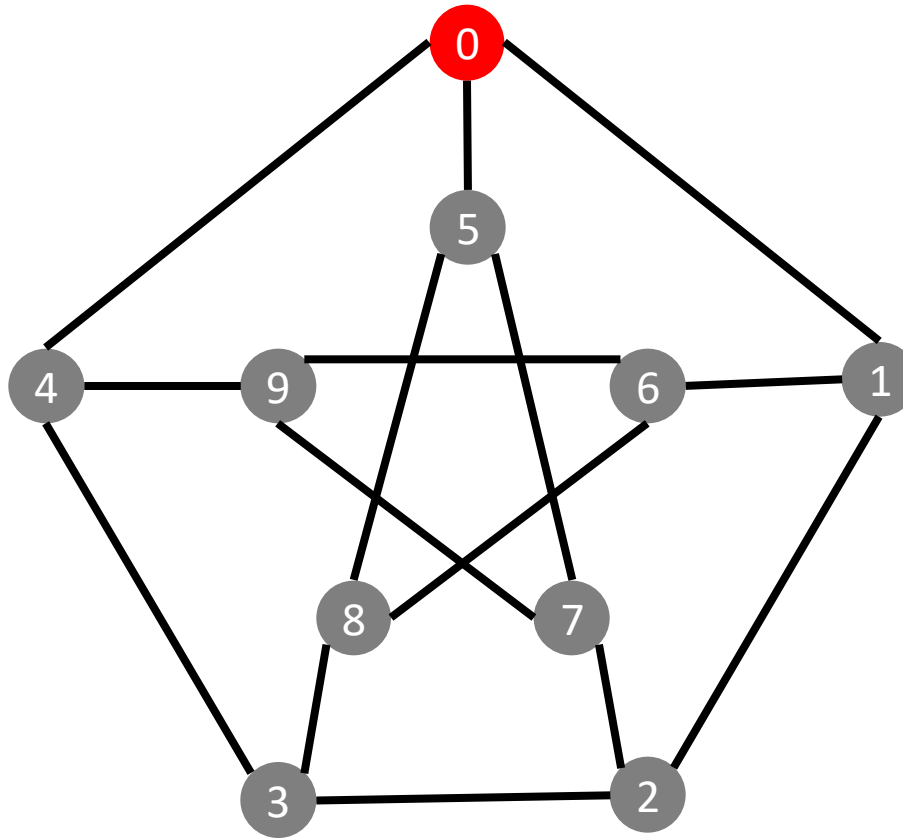


# Graph coloring



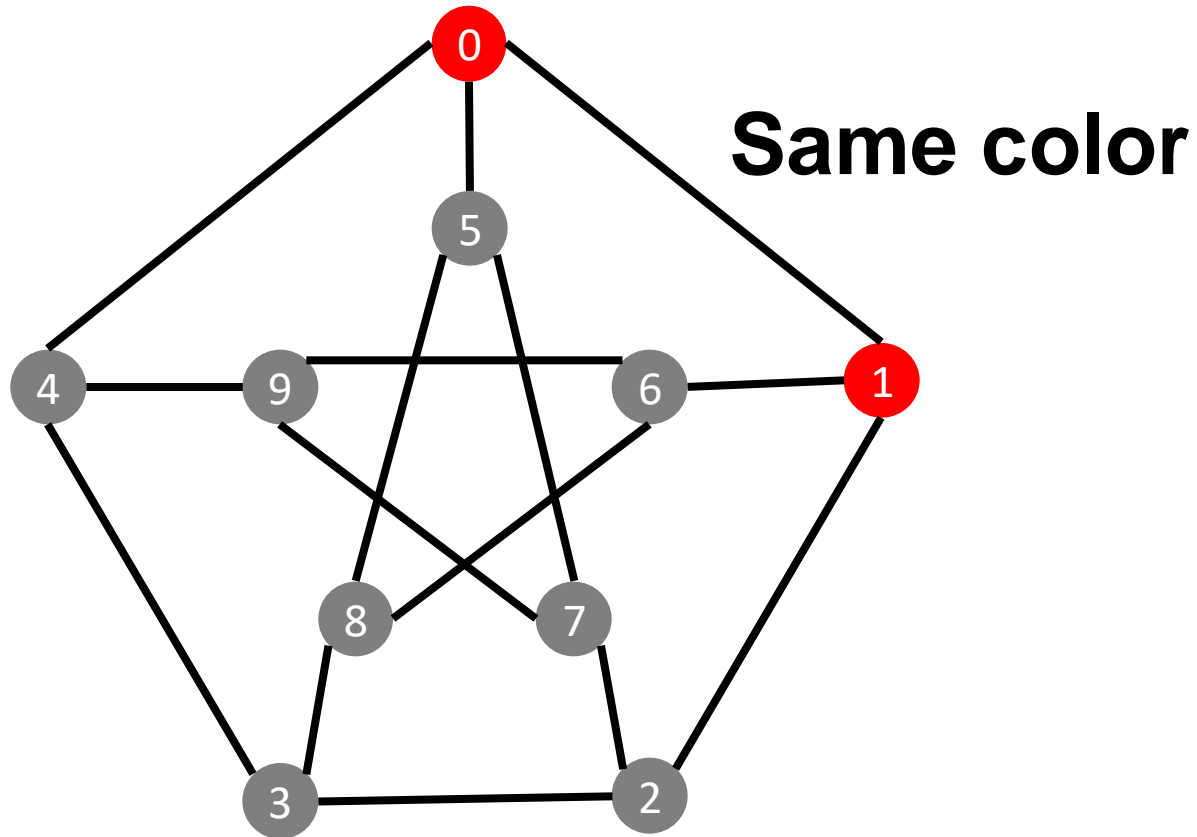
0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---

# Graph coloring



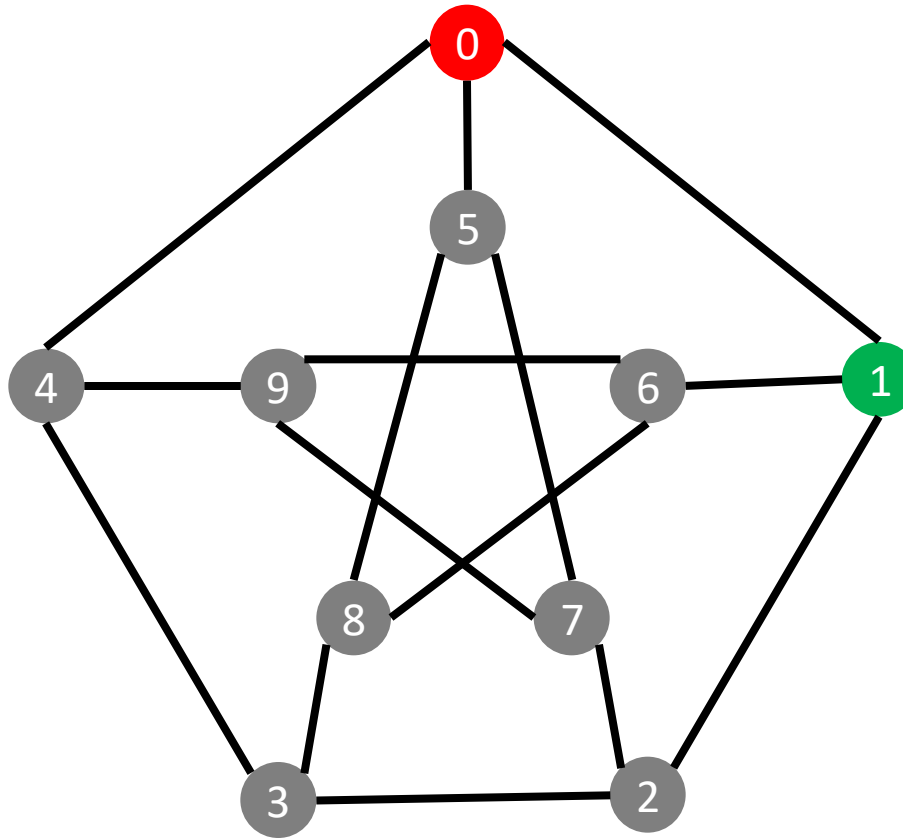
0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---

# Graph coloring



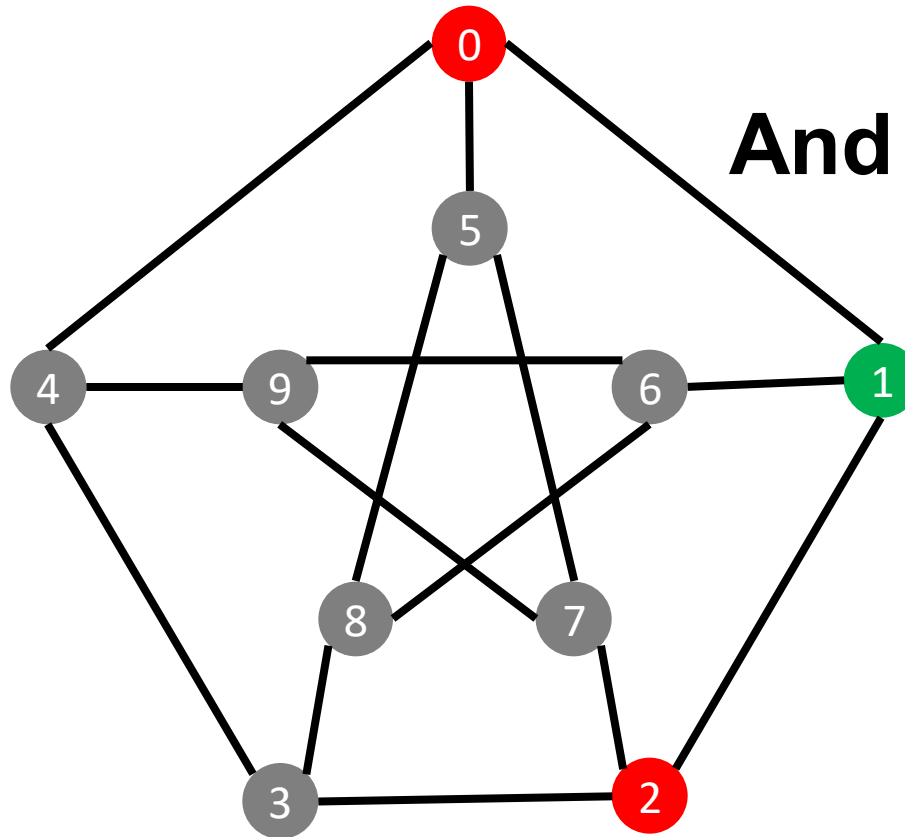
0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---

# Graph coloring

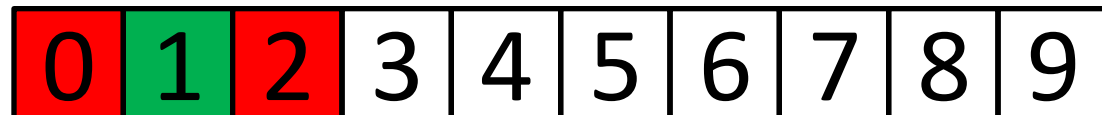


0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---

# Graph coloring



And so on...





# Graph coloring - parallel

0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---

0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---

0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---



# Graph coloring - parallel

0	1	2	3	4	5	6	7	8	9	Rejected
0	1	2	3	4	5	6	7	8	9	
0	1	2	3	4	5	6	7	8	9	

0	1	2	3	4	5	6	7	8	9	Rejected
0	1	2	3	4	5	6	7	8	9	
0	1	2	3	4	5	6	7	8	9	

0	1	2	3	4	5	6	7	8	9	Rejected
0	1	2	3	4	5	6	7	8	9	
0	1	2	3	4	5	6	7	8	9	



# Graph coloring - parallel

0	1	2	3	4	5	6	7	8	9
0	1	2	3	4	5	6	7	8	9
0	1	2	3	4	5	6	7	8	9
0	1	2	3	4	5	6	7	8	9
0	1	2	3	4	5	6	7	8	9
0	1	2	3	4	5	6	7	8	9
0	1	2	3	4	5	6	7	8	9

**And so on...**