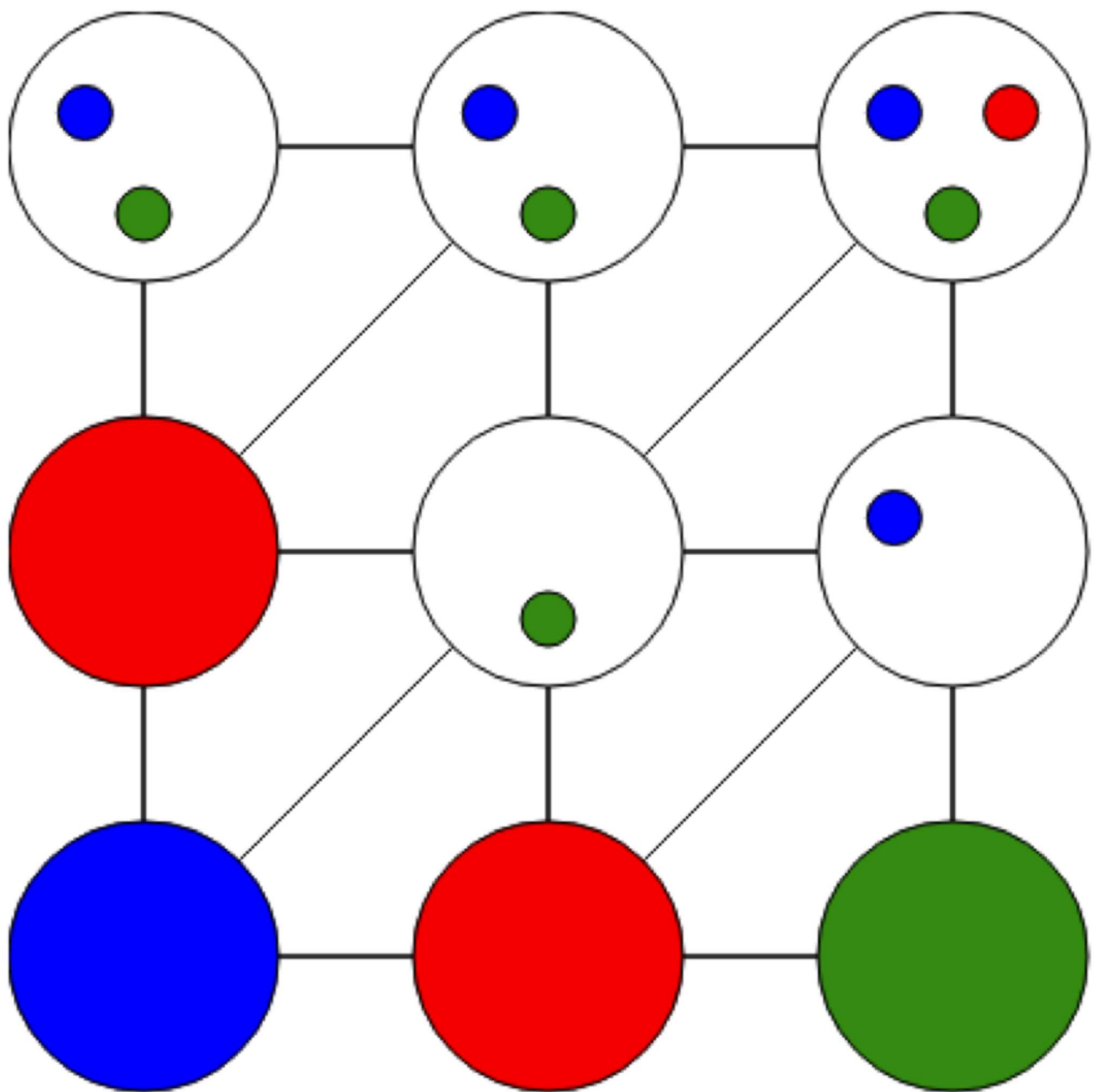

[Course](#) > [Week 4](#) > [Lecture...](#) > Quiz 5: ...

Quiz 5: Forward Checking

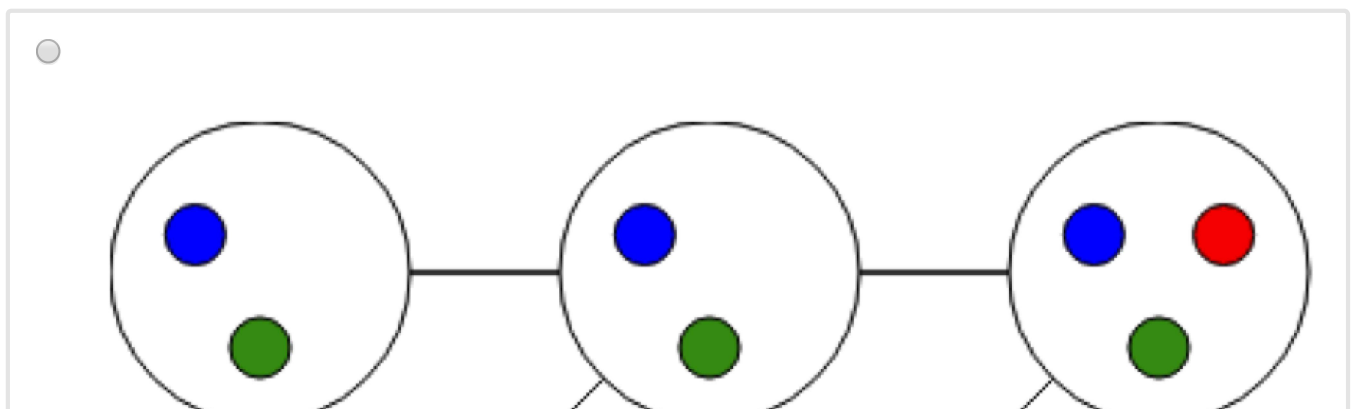
Quiz 5: Forward Checking

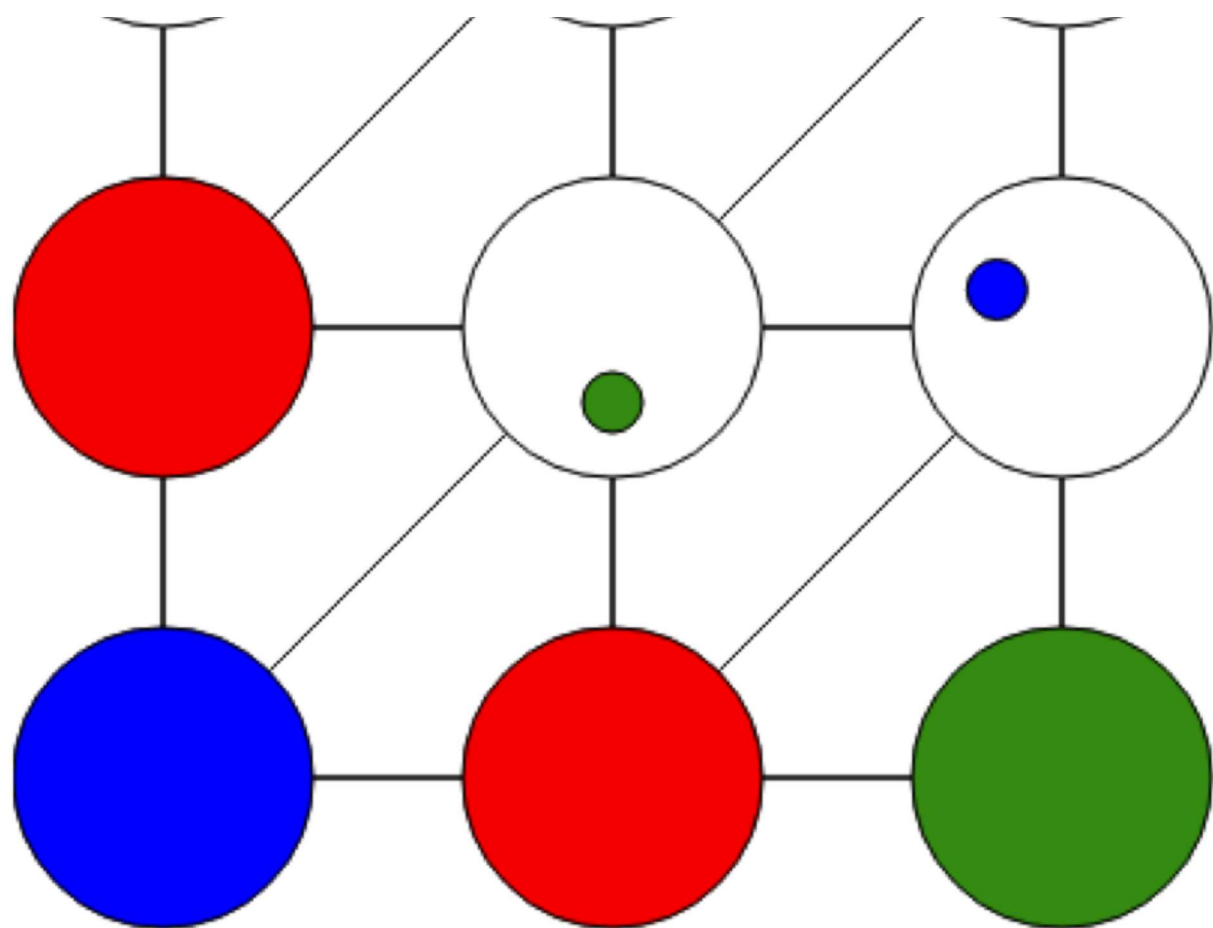
1/1 point (ungraded)

Consider backtracking search with forward checking. Assume the current partial assignment is as shown in the figure below.

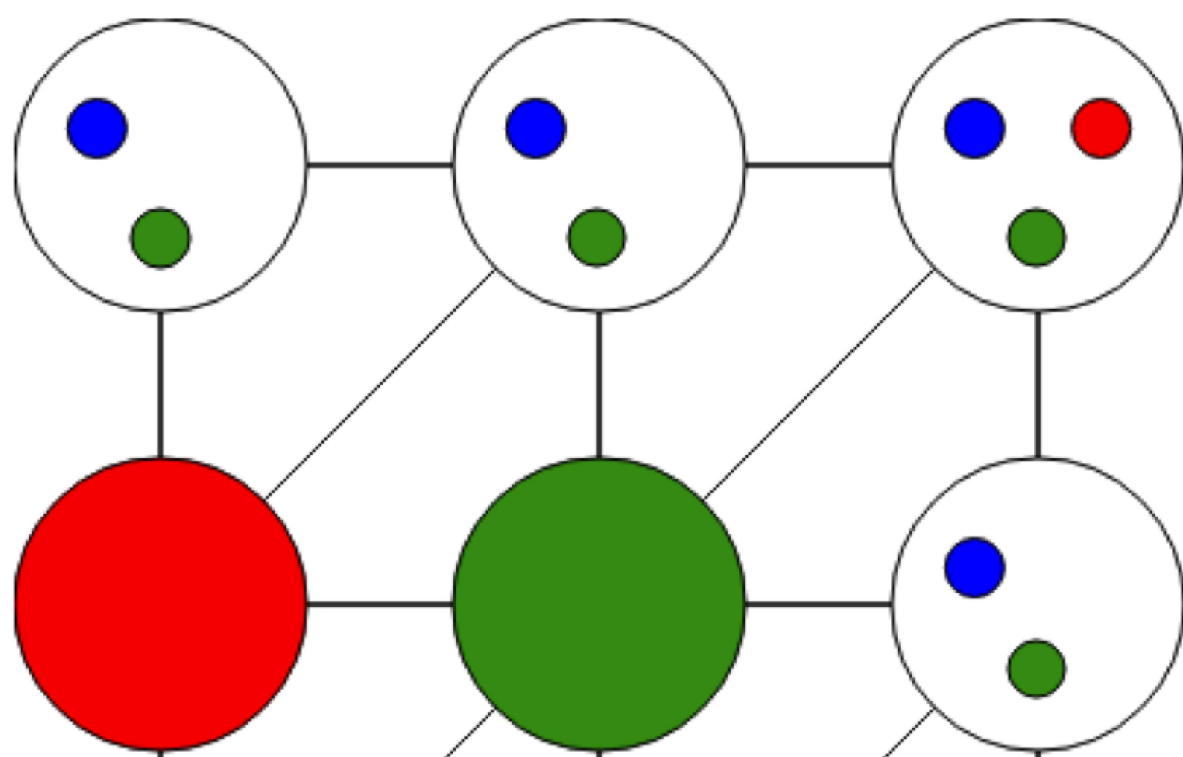


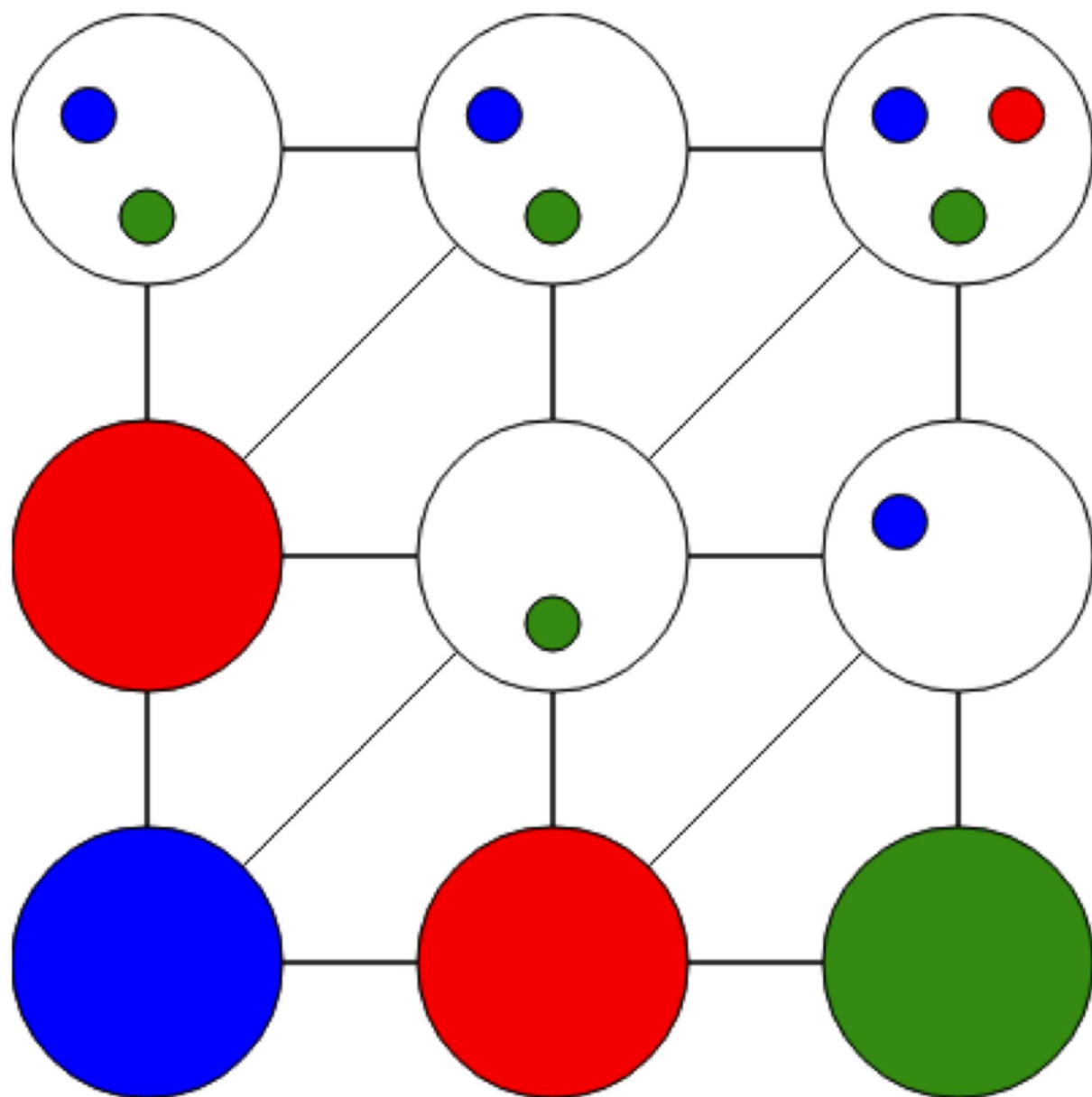
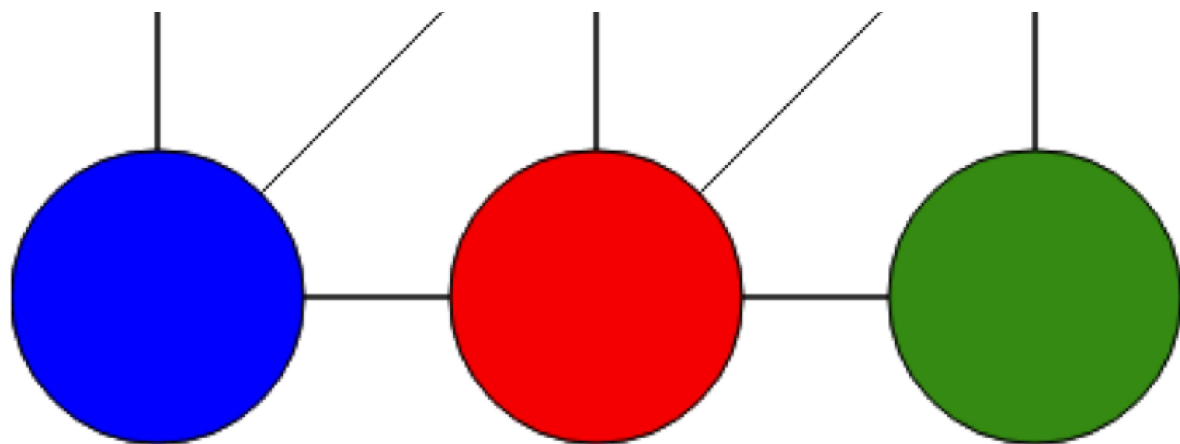
After assigning the next variable (the node in the center of the figure) and then running forward checking, what is the resulting partial assignment?

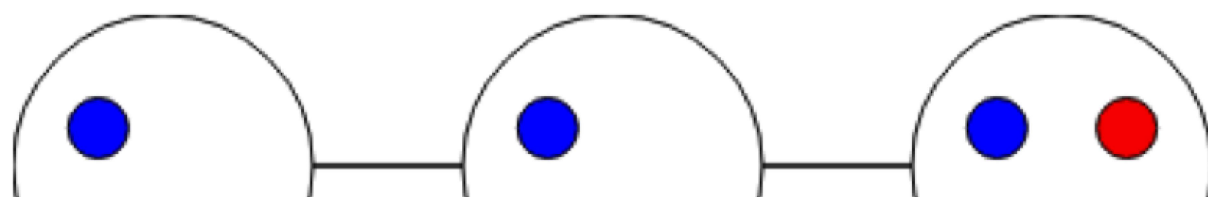
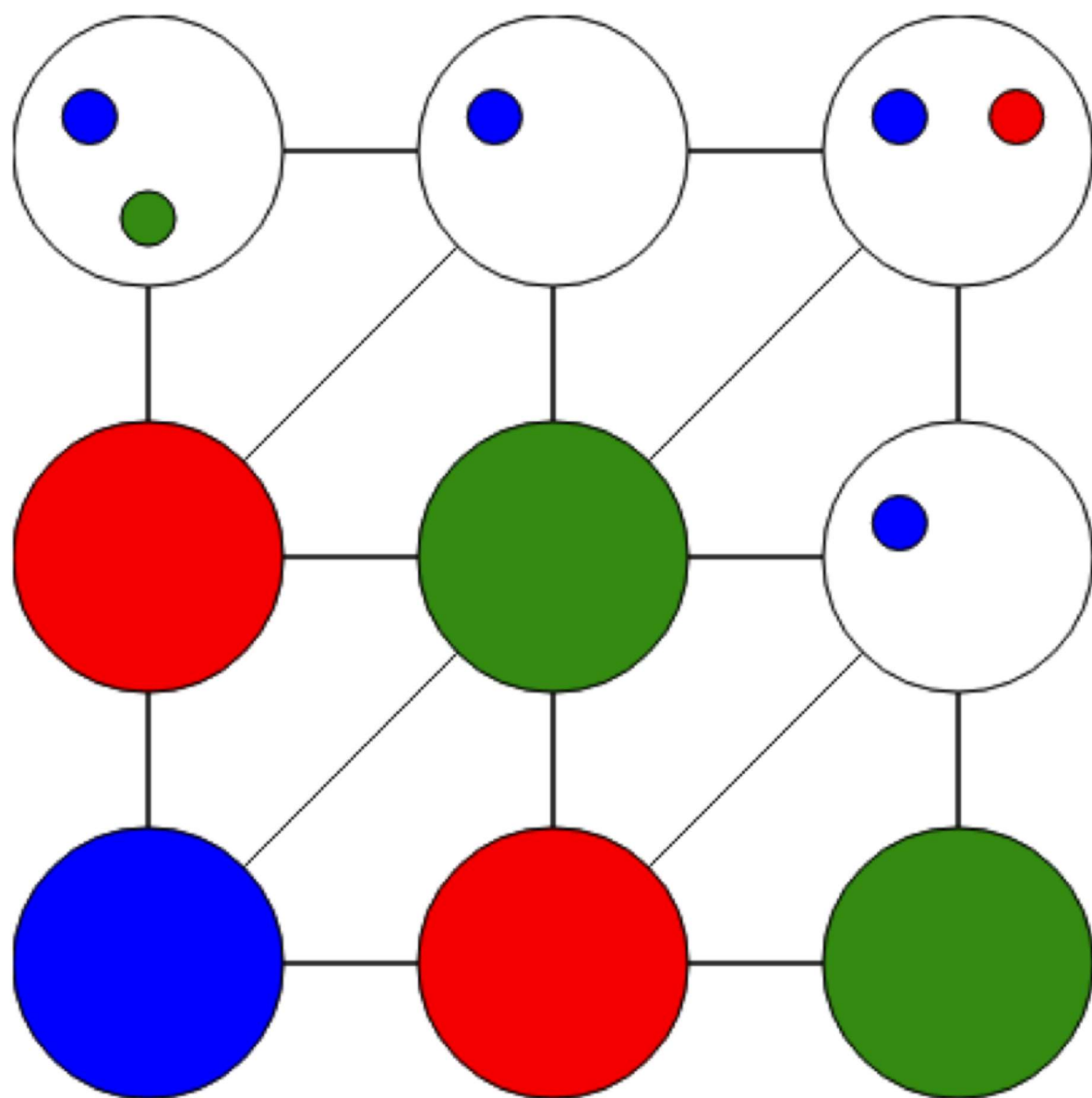


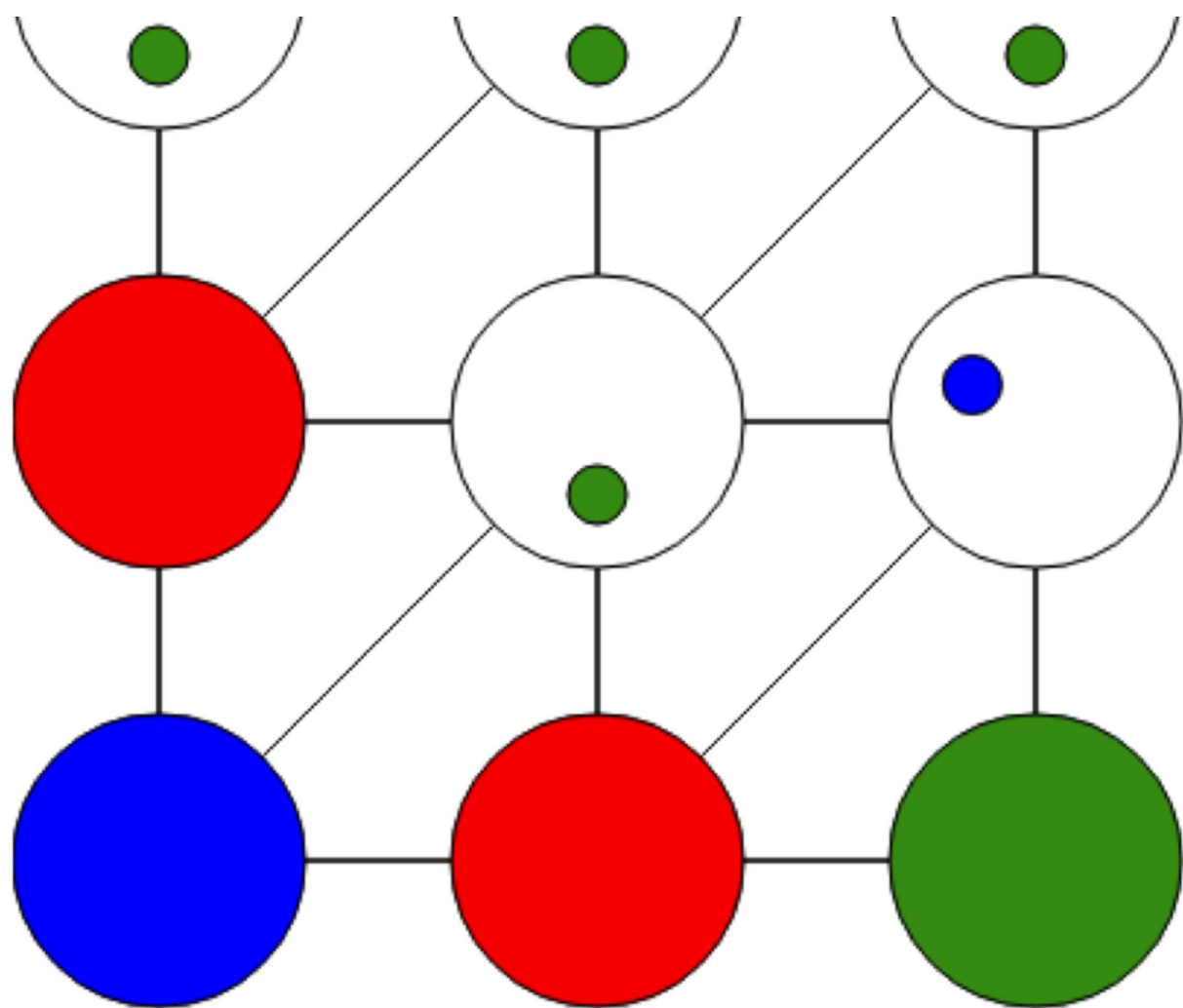


\Rightarrow

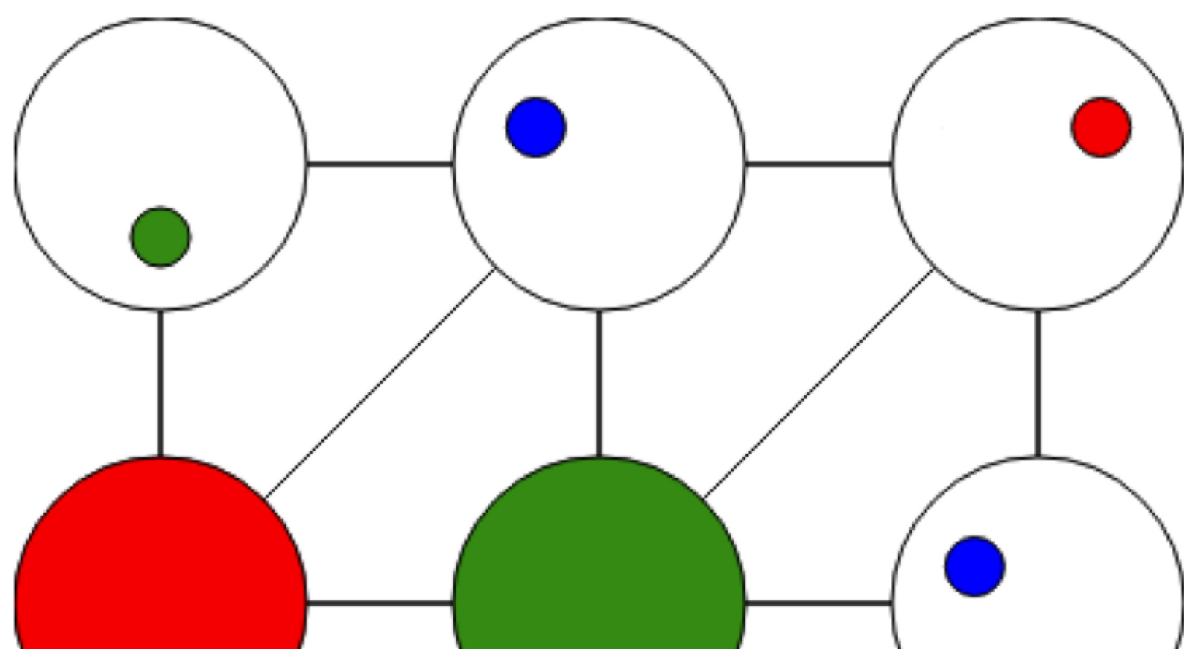


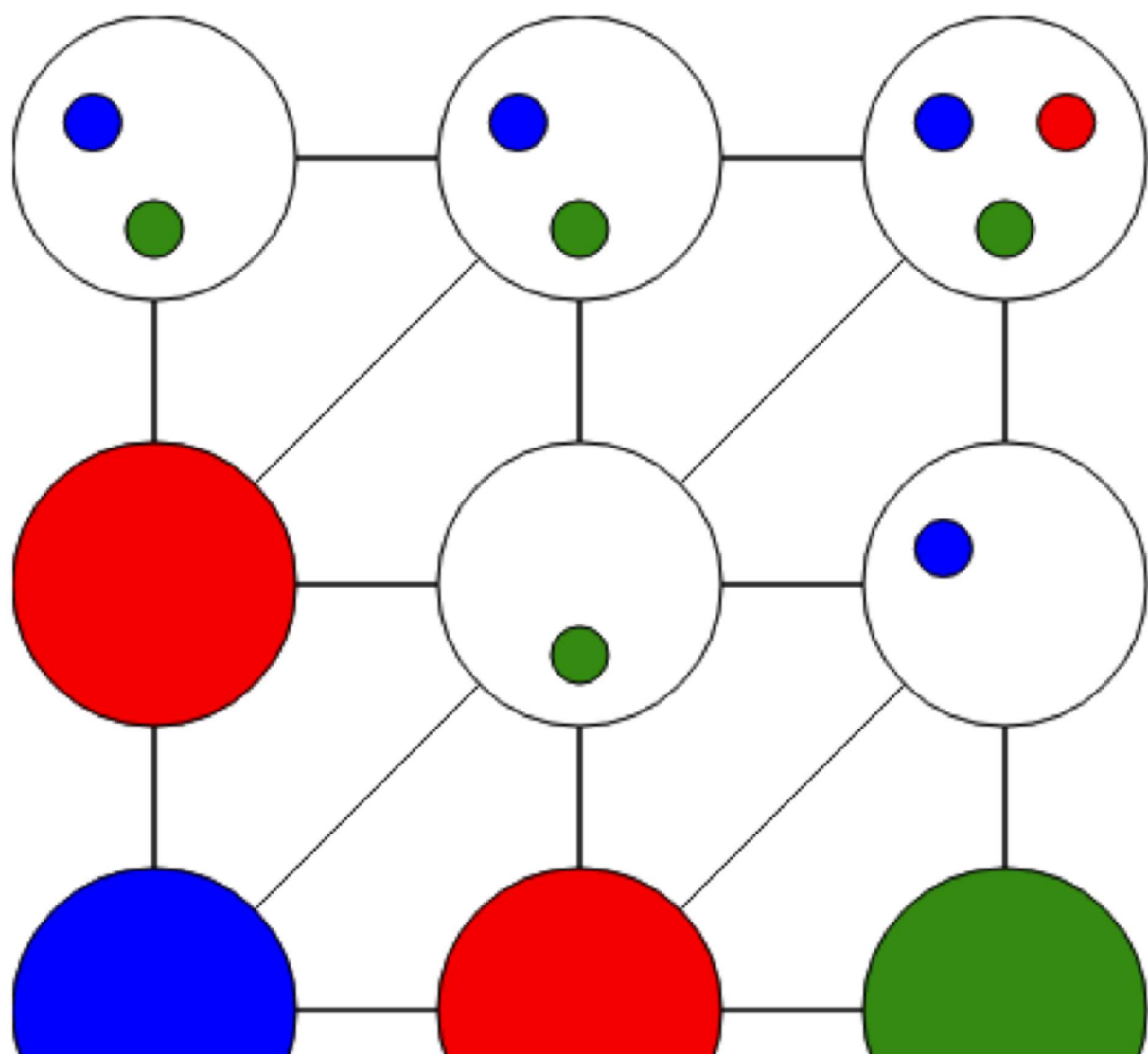
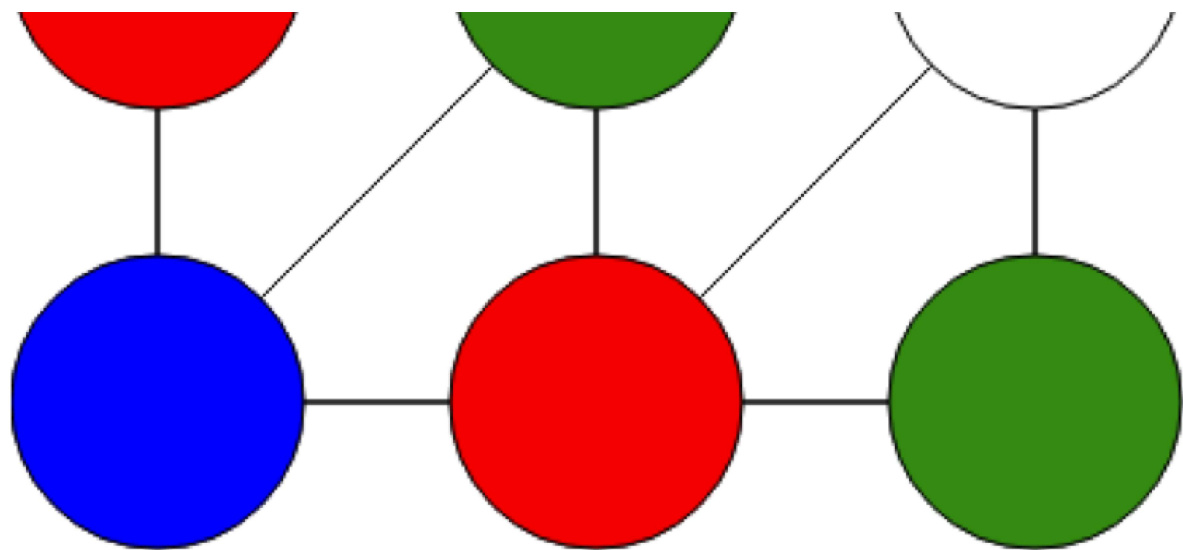


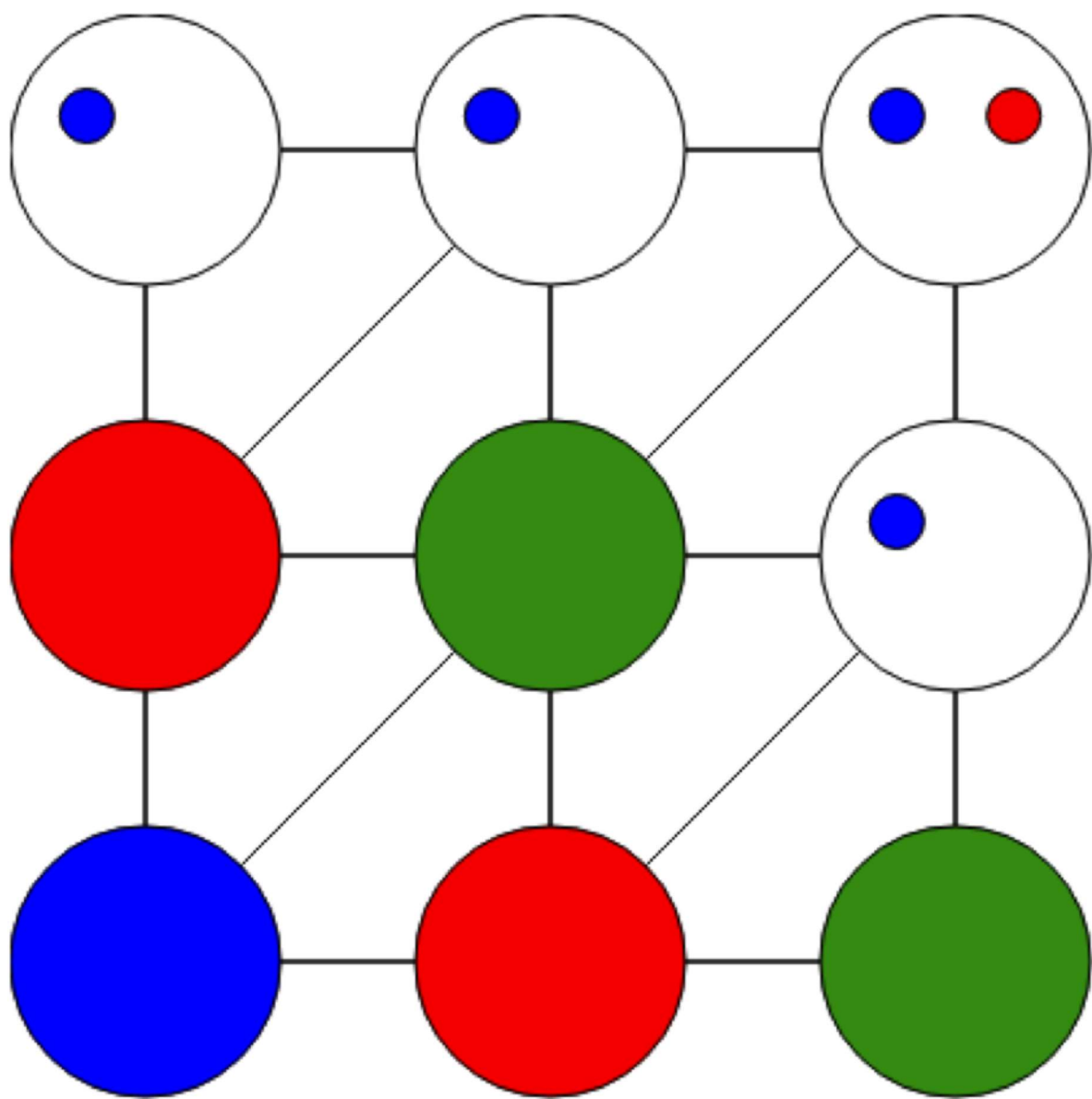




\Rightarrow







Submit

✓ Correct (1/1 point)