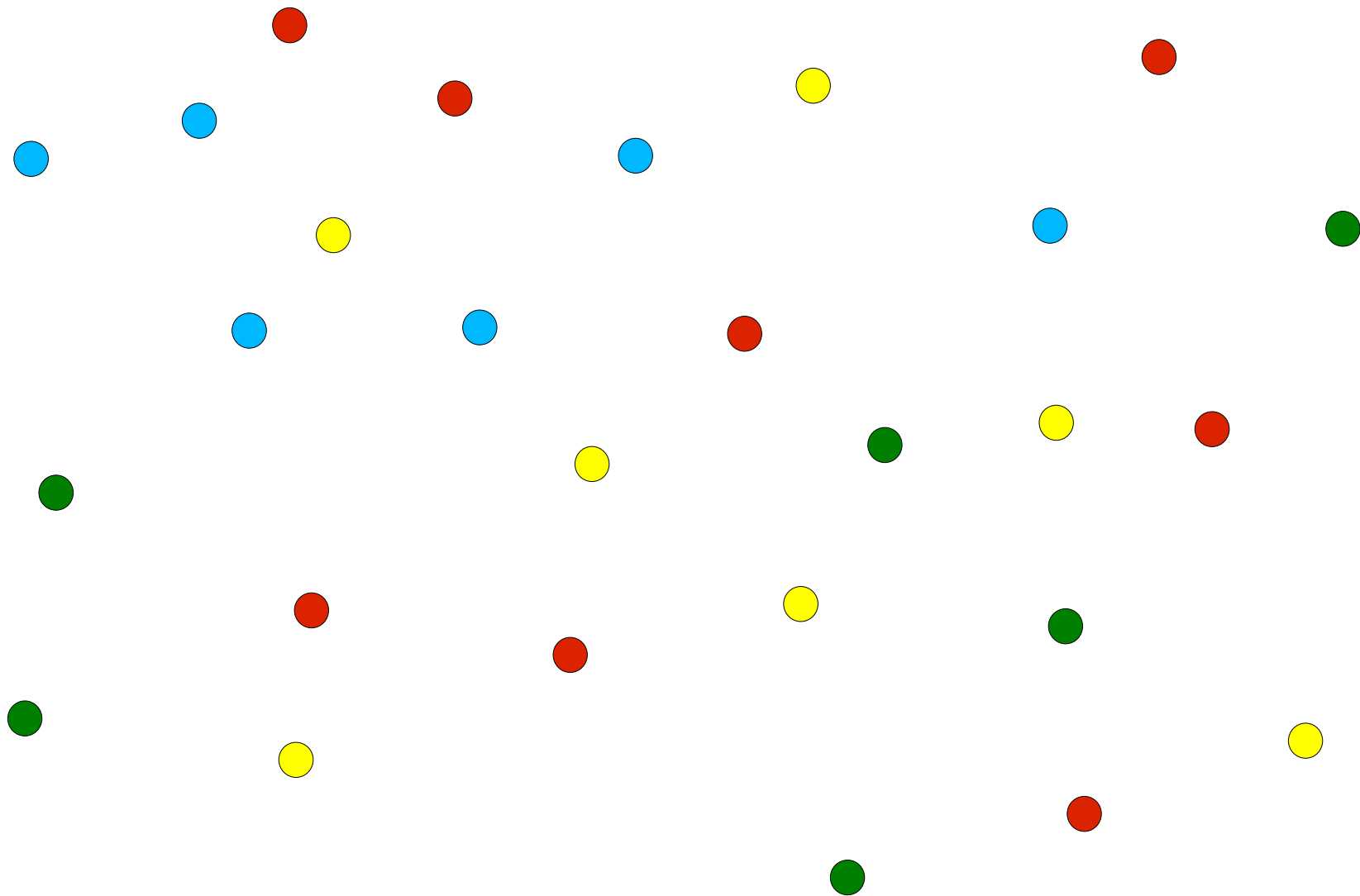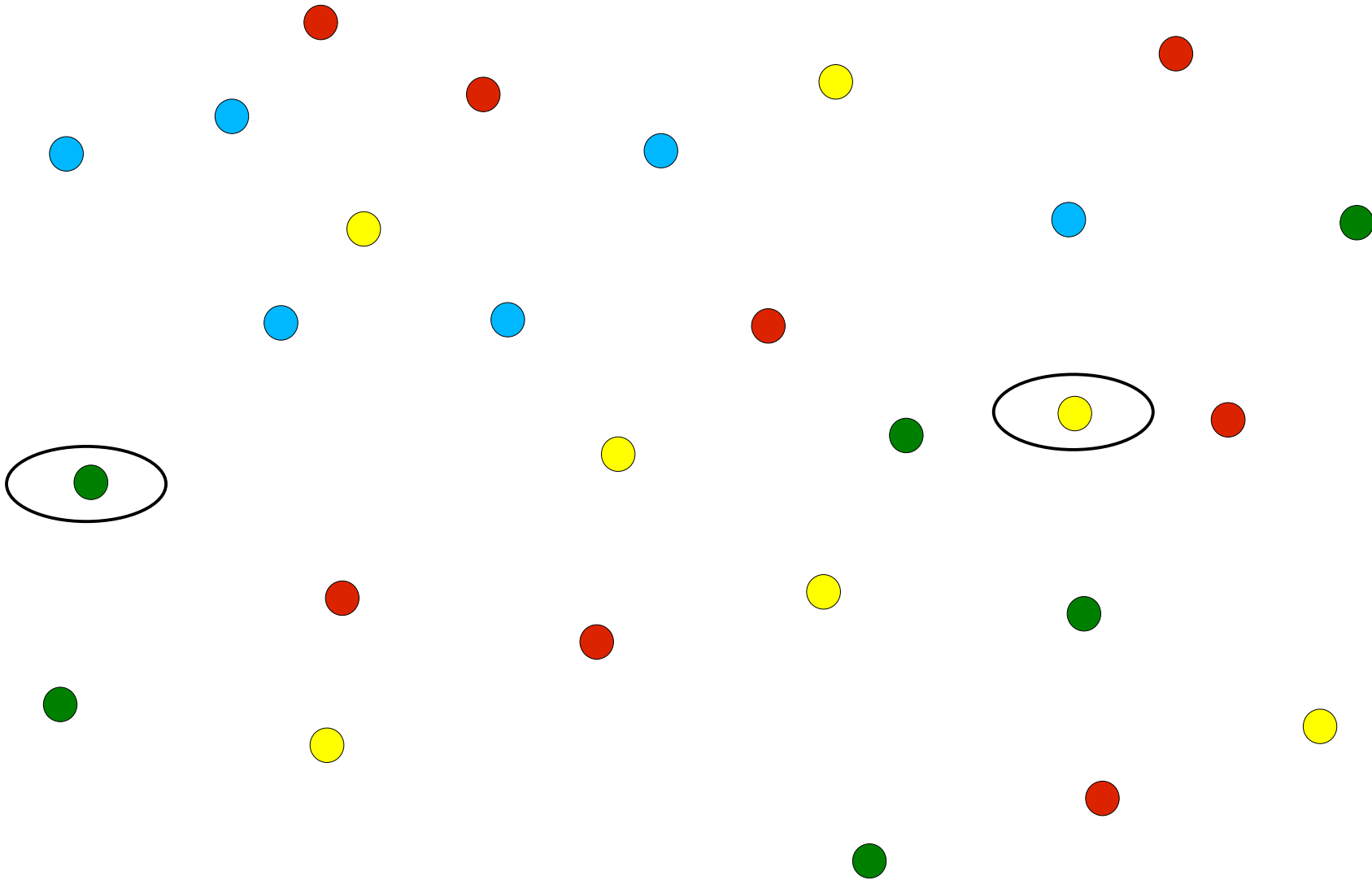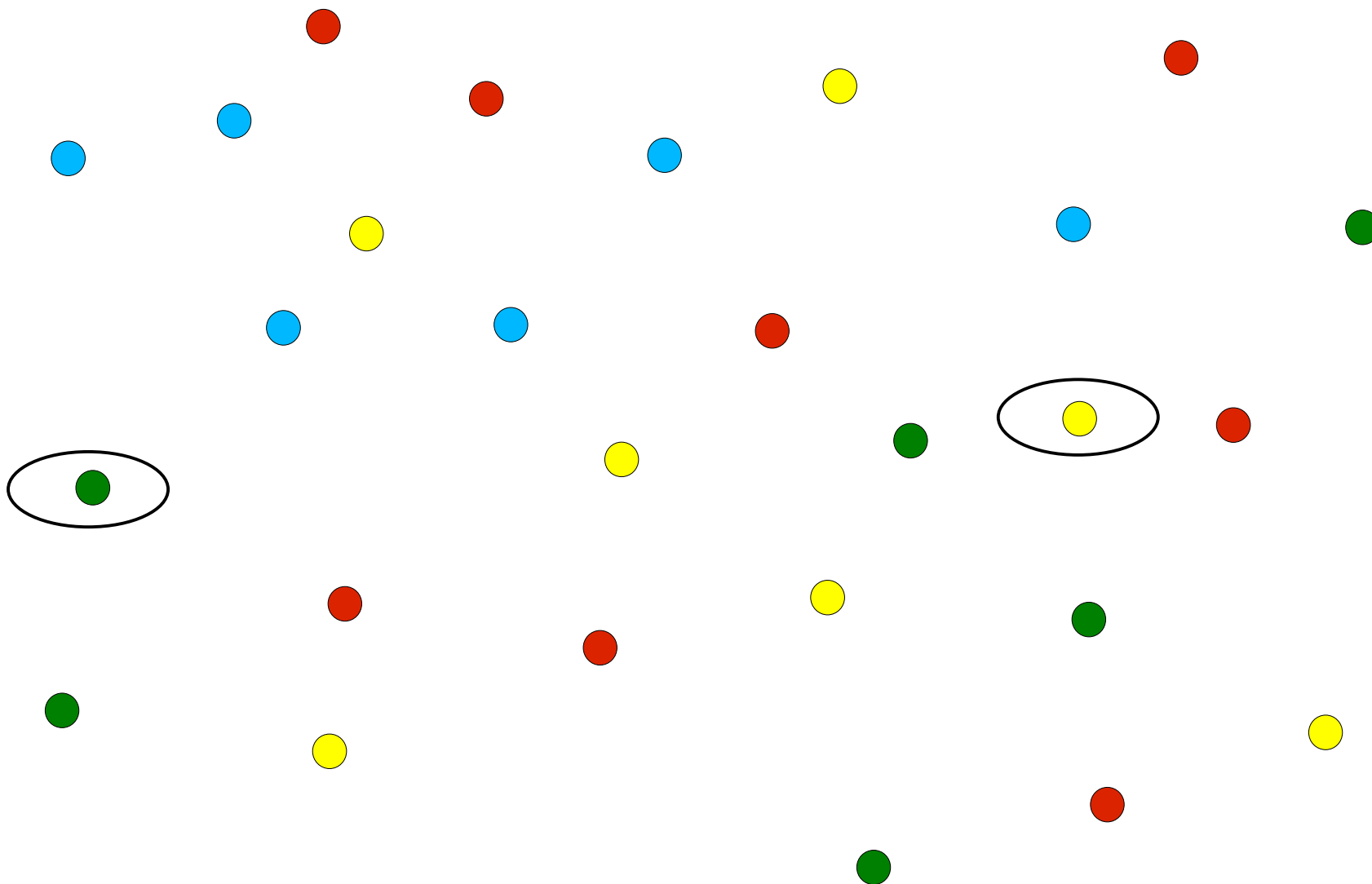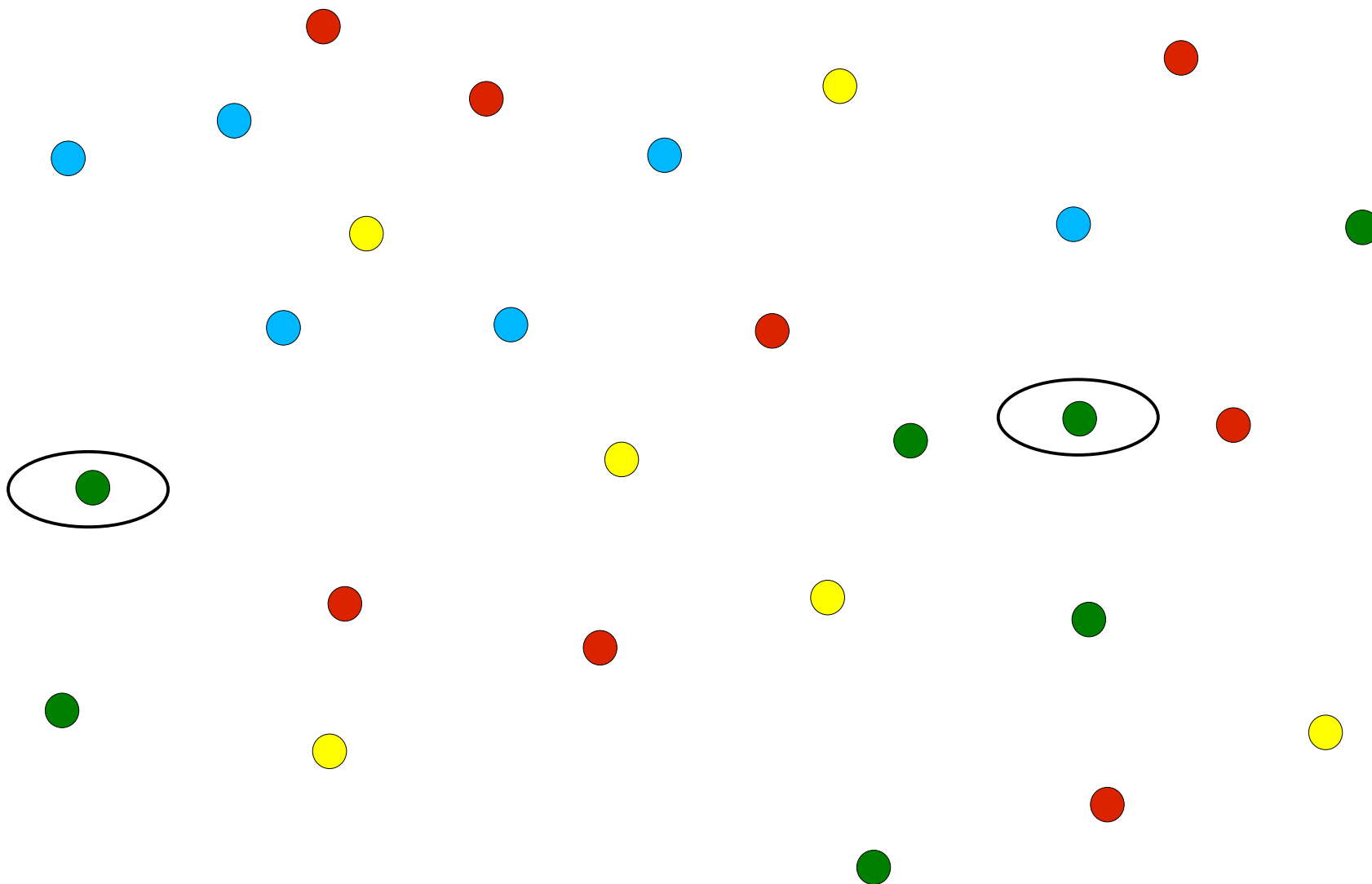# Inverted Trees

# Inverted Trees



Determine whether two given objects are in the same class
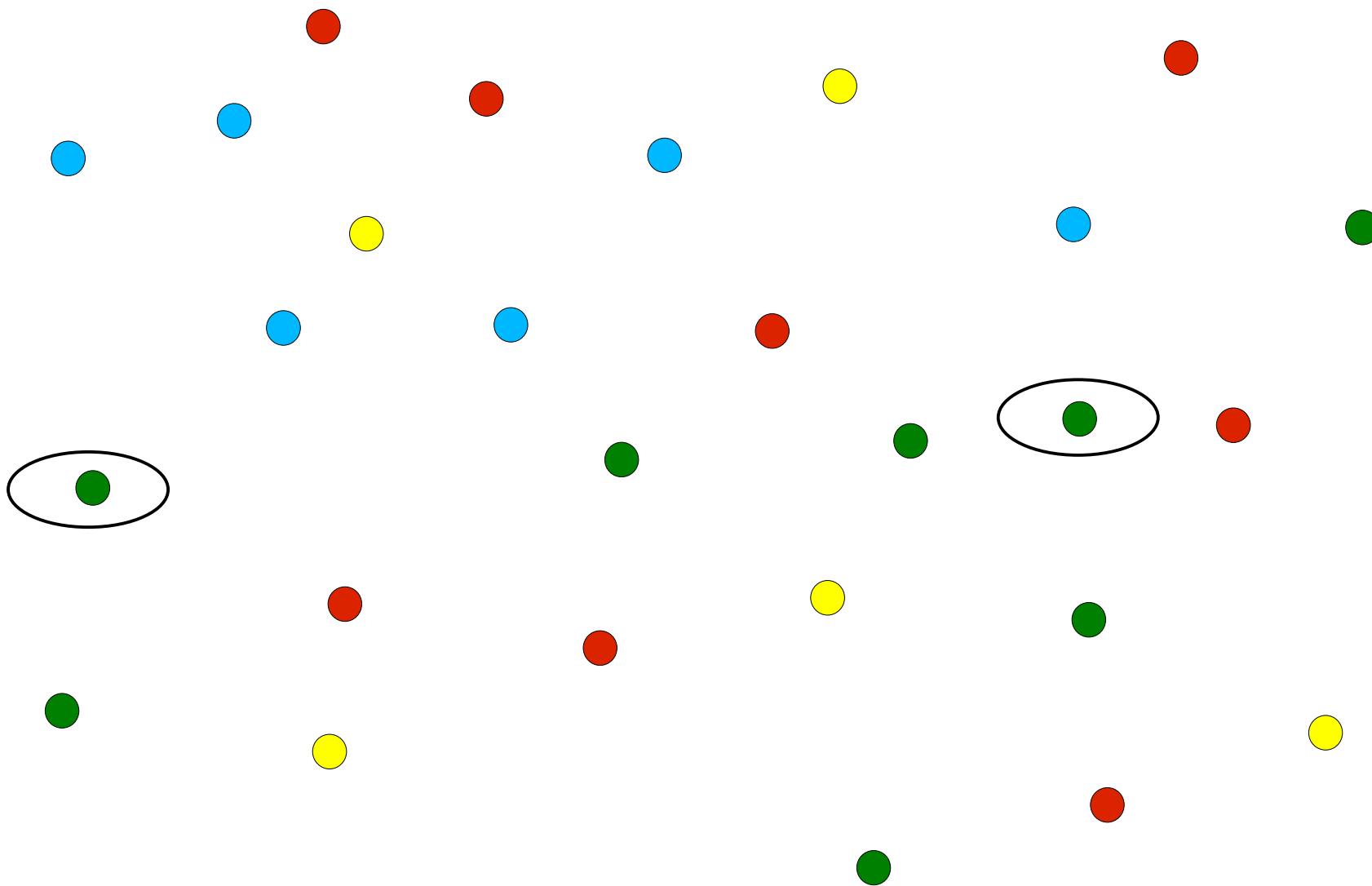
# Inverted Trees



If so, merge the two classes

# Inverted Trees



If so, merge the two classes

# Inverted Trees



If so, merge the two classes

# Inverted Trees



If so, merge the two classes

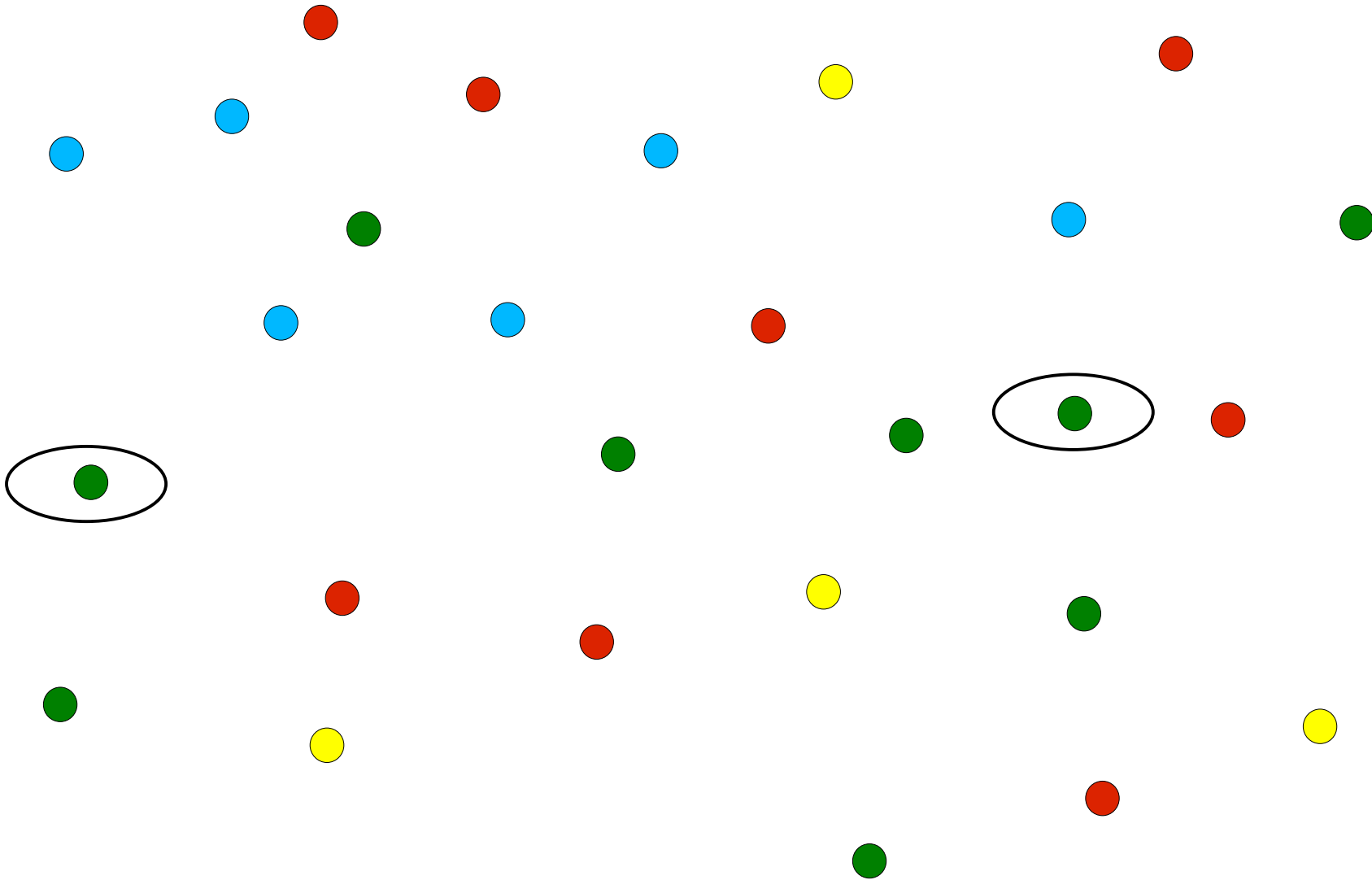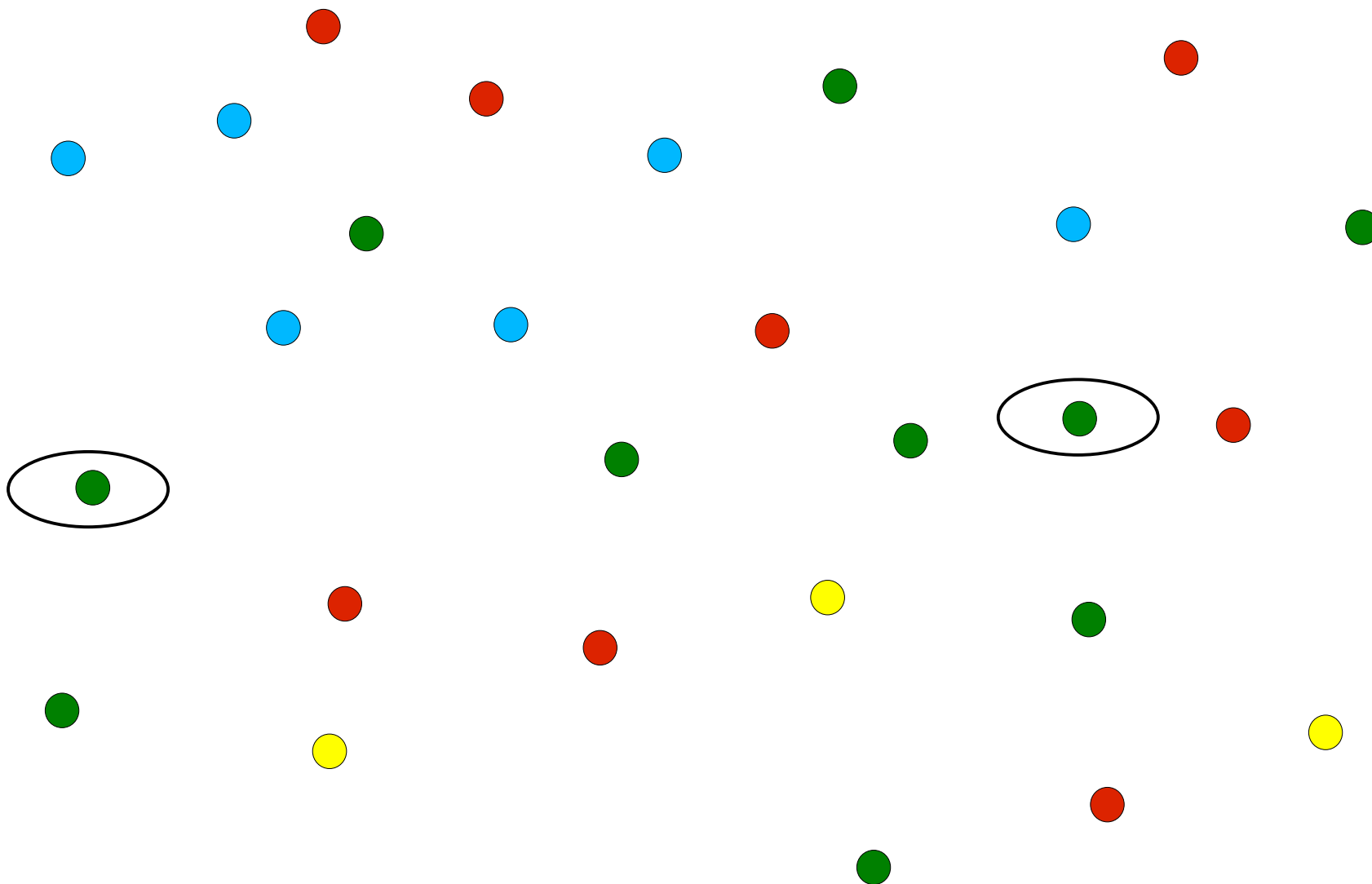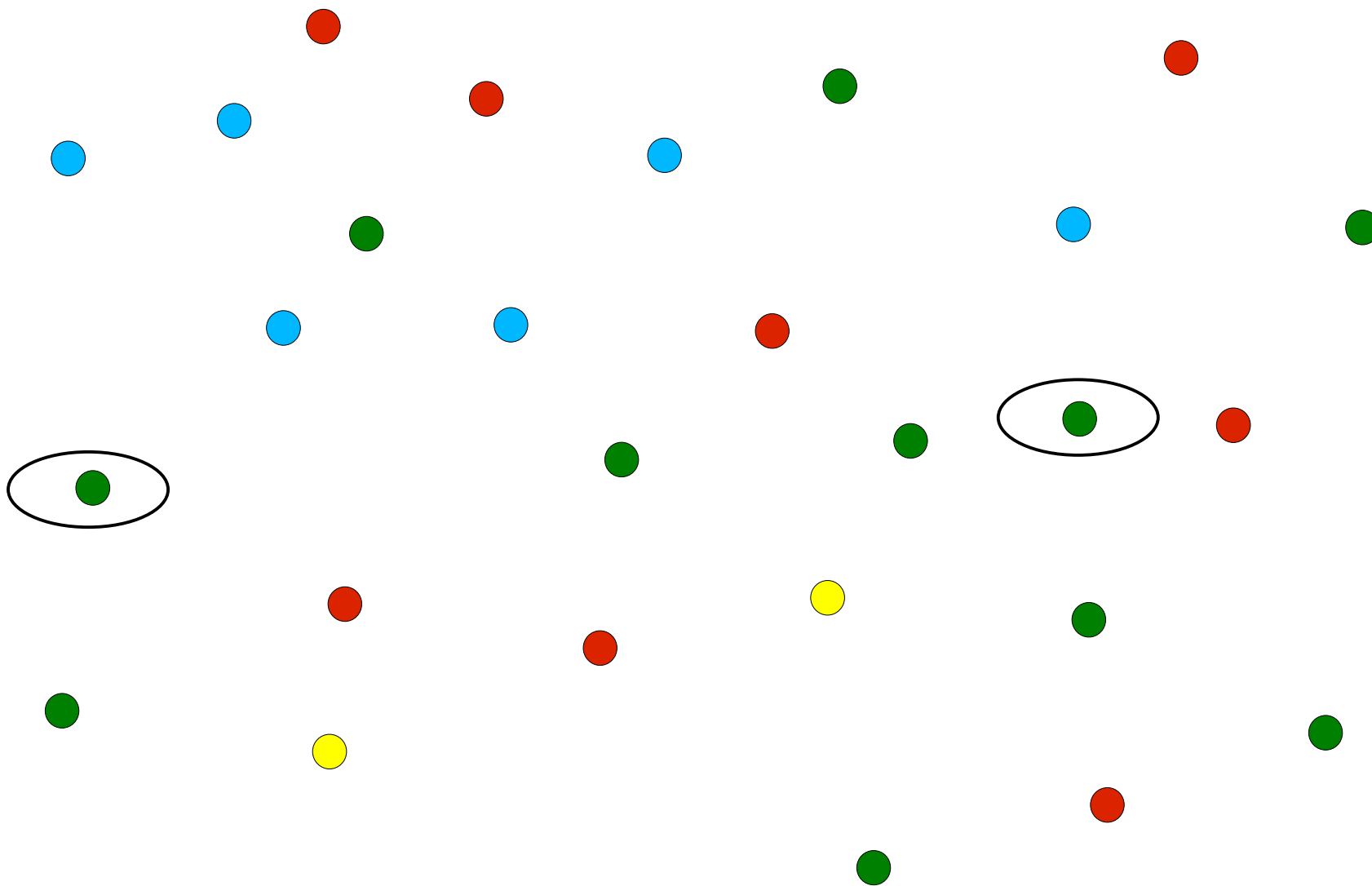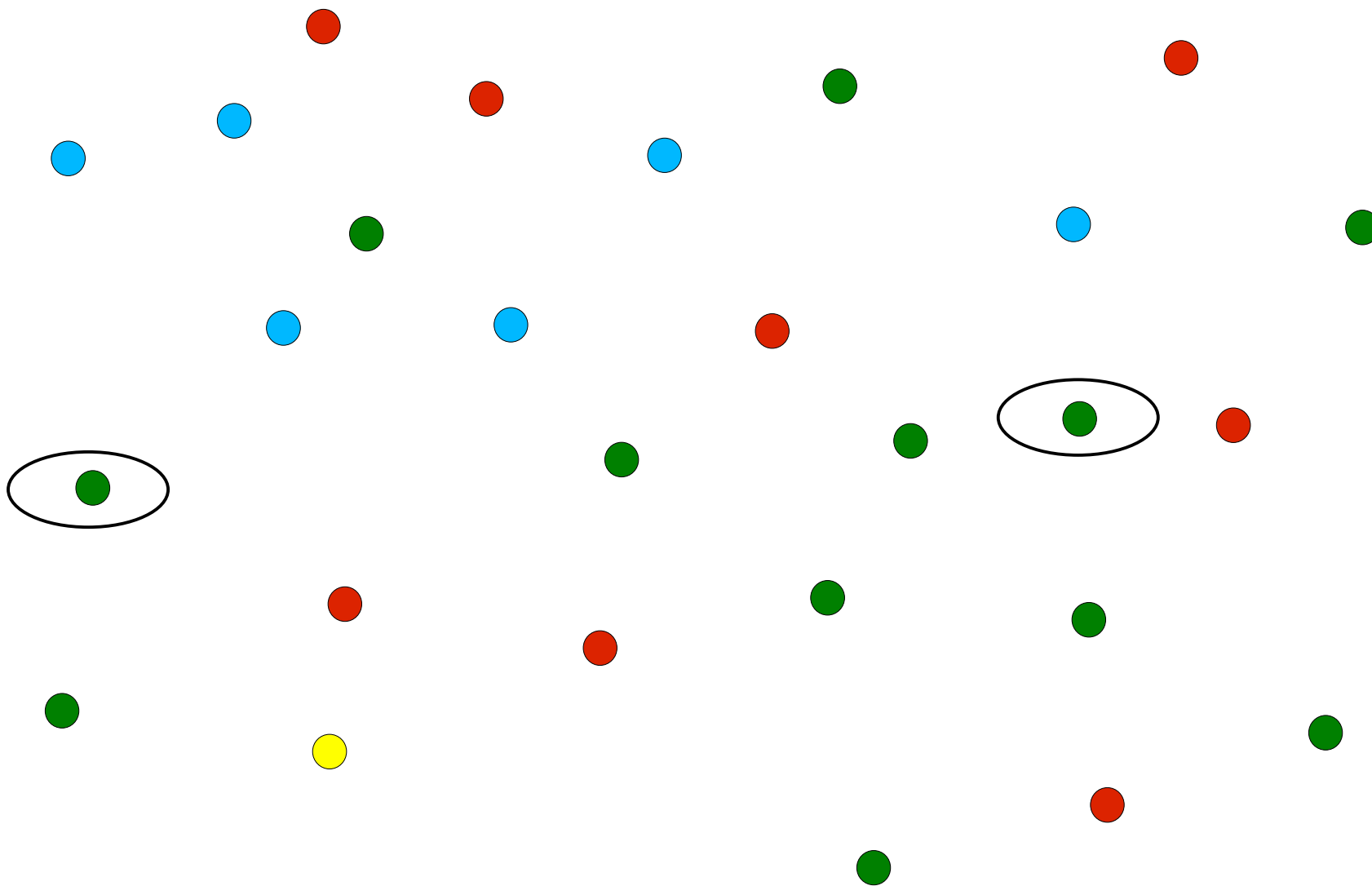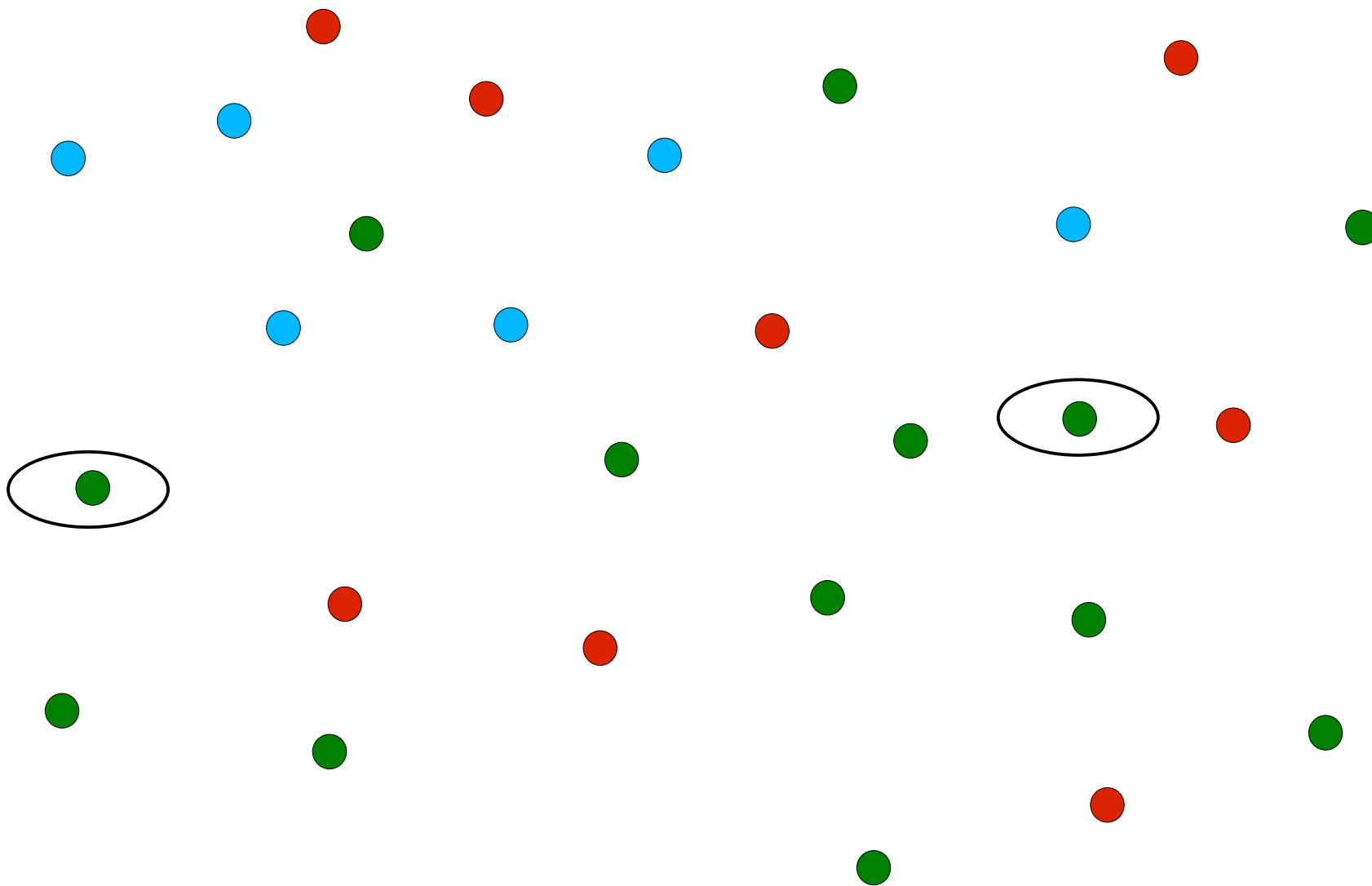# Inverted Trees



If so, merge the two classes

# Inverted Trees



If so, merge the two classes
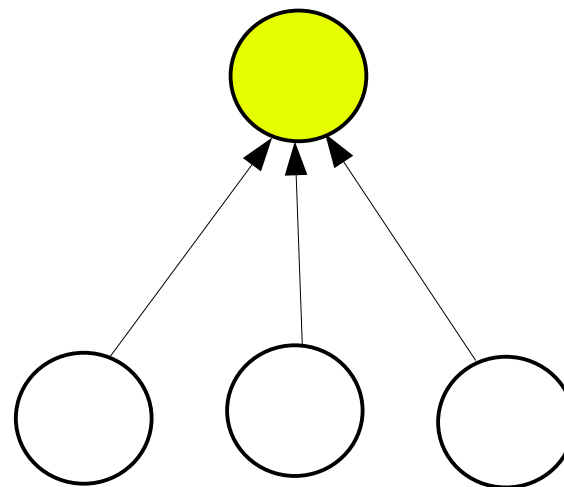
# Inverted Trees
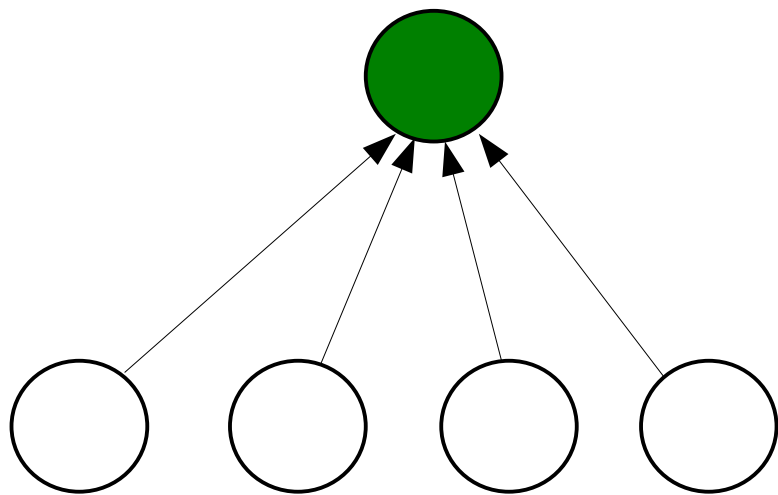


If so, merge the two classes

# Inverted Trees
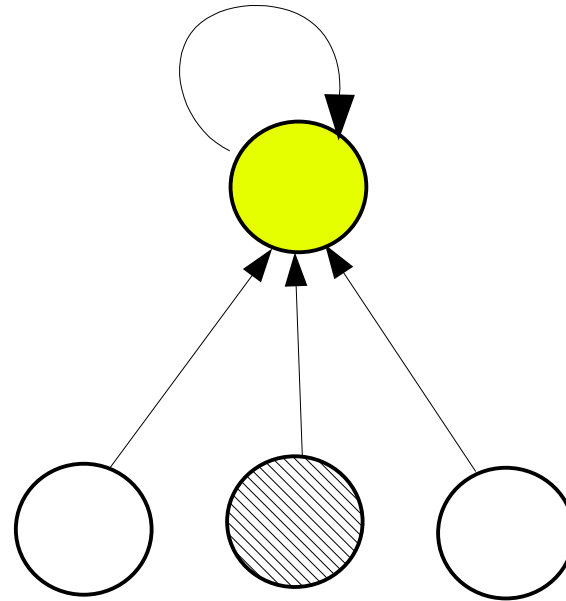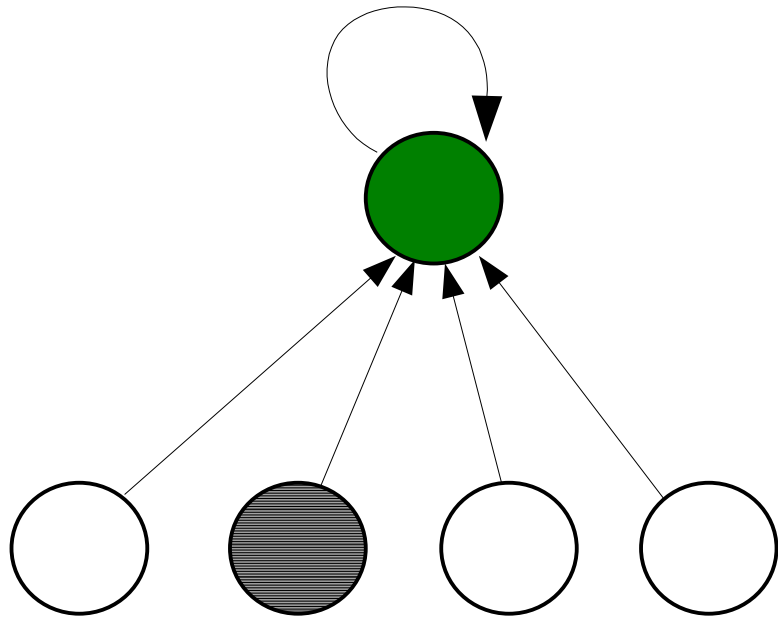


If so, merge the two classes

# Inverted Trees
How to do this?
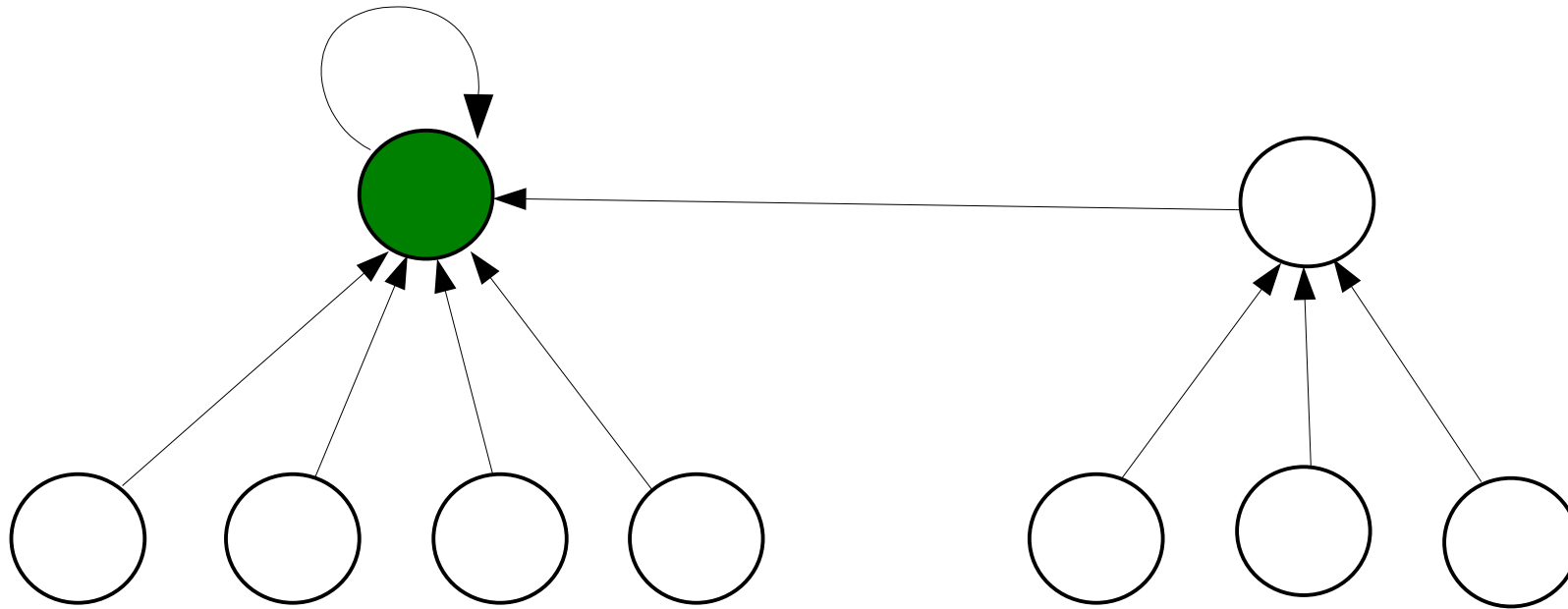
# Inverted Trees
## How to do this?



Locate the classes
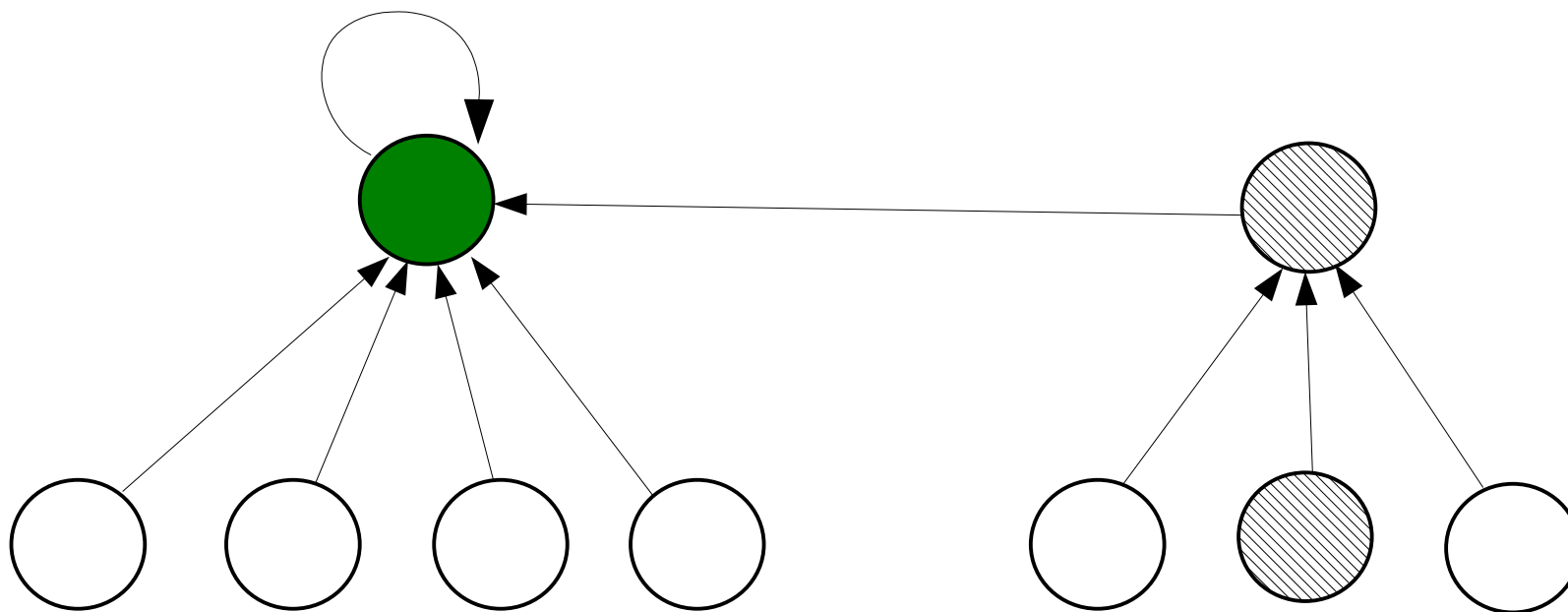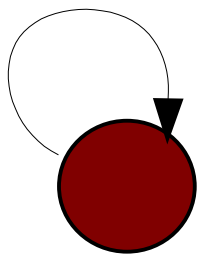
# Inverted Trees
## How to do this?



Merge the classes

# Inverted Trees
## Path Compression

# Inverted Trees
## Path Compression