```
public class Node {
public class Graph {
                                                                                          Color color:
  Edge add(Node n, Node m) {
                                                                                          Node(){
   Edge e = new Edge(n, m);
                                                                                            if (Config.COLORED) {
   nodes.add(n); nodes.add(m); edges.add(e);
                                                                                              color = new Color():
   if (Config.WEIGHTED) { e.weight = new Weight(): }
   return e:
                                                                                          void print() {
  Edge add(Node n, Node m, Weight w) {
                                                                                            if (Config.COLORED) {
   if (!Config.WEIGHTED) { throw new RuntimeException(); }
                                                                                              Color.setDisplayColor(color);
   Edge e = \text{new Edge(n, m)}:
   nodes.add(n); nodes.add(m); edges.add(e);
                                                                                            System.out.print(id);
   e.weight = w;
   return e
                                                                                        public class Edge {
                                                                                          Weight weight:
public class Color {
                                                                                          Edge(Node _a, Node _b) {
  static void setDisplayColor(Color c) {.
                                                                                            a = _a: b = _b:
                                  Code Tangling
                                                                                            if (Config.WEIGHTED) { weight = new Weight(); }
                                                                                          void print() {
                                                                                            a.print(); b.print();
public class Weight {
                                                                                            if (Config.WEIGHTED) { weight.print(); }
 void print() { ...}
```