

Initial code:

```
def bake_cake(o: Oven, bp: BakingPan, p: Pan, b: Bowl, bk: Beaker) {
  o.setTemperature(160);
  bp.grease();
  p.add(Ingredients.CHOCOLATE, 200);
  p.add(Ingredients.BUTTER, 200);
  p.heat();
  while (!molten(p) && !homogeneous(p)) {
    p.stir();
  }
  b.add(Ingredients.EGG, 2);
  b.add(Ingredients.EGG_YOLK, 6);
  b.add(Ingredients.SUGAR, 150);
  while (!homogeneous(b)) {
    b.stir();
  }
  b.add(Ingredients.ALMOND, 200);
  while (!homogeneous(b)) {
    b.stir();
  }
  b.add(p.contents());
  while (!homogeneous(b)) {
    b.stir();
  }
  bk.add(Ingredients.EGG_WHITE, 4);
  bk.add(Ingredients.SALT, 3);
  while (!homogeneous(bk)) {
    bk.stir();
  }
  for (int i = 0; i < 5; i++) {
    bk.add(Ingredients.SUGAR, 10);
    while (!homogeneous(bk)) {
      bk.stir();
    }
  }
  b.add(bk.contents());
  while (!homogeneous(b)) {
    b.stir();
  }
  bp.add(b.contents());
  o.insert(bp, 2);
  wait(25);
  o.remove(bp);
  while (liquid(bp.contents())) {
    o.insert(bp, 2);
    wait(5);
    o.remove(bp);
  }
}
```

Cleaned up code:

```
def bake_cake(oven: Oven, bakingPan: BakingPan, pan: Pan, bowl: Bowl, beaker: Beaker) {
  preheat(oven);
  prepare(bakingPan);

  cook_chocolate_cream(pan);
  prepare_egg_yolk_mass(bowl);
  combine(bowl, pan);
  prepare_egg_white_mass(beaker);
  combine(bowl, beaker);

  bakingPan.add(bowl);
  bake(oven, bakingPan);
}

def preheat(oven: Oven) {
  oven.setTemperature(160);
}

def prepare(bakingPan: BakingPan) {
  bakingPan.grease();
}

def cook_chocolate_cream(pan: Pan) {
  pan.add(Ingredients.CHOCOLATE, 200);
  pan.add(Ingredients.BUTTER, 200);
  pan.heat();
  while (!molten(pan) && !homogeneous(pan)) {
    pan.stir();
  }
}

def prepare_egg_yolk_mass(bowl: Bowl) {
  bowl.add(Ingredients.EGG, 2);
  bowl.add(Ingredients.EGG_YOLK, 6);
  bowl.add(Ingredients.SUGAR, 150);
  blend(bowl);

  b.add(Ingredients.ALMOND, 200);
  blend(bowl);
}

def prepare_egg_white_mass(beaker: Beaker) {
  beaker.add(Ingredients.EGG_WHITE, 4);
  beaker.add(Ingredients.SALT, 3);
  blend(beaker);
  for (int spoon = 0; spoon < 5; spoon++) {
    beaker.add(Ingredients.SUGAR, 10);
    blend(beaker);
  }
}

def combine(target, source: Container) {
  target.add(source.contents());
  blend(target);
}

def blend(container: Container) {
  while (!homogeneous(container)) {
    container.stir();
  }
}

def bake(oven: Oven, bakingPan: BakingPan) {
  bake_for_minutes(oven, bakingPan, 25);
  while (liquid(bakingPan.contents())) {
    bake_for_minutes(oven, bakingPan, 5);
  }
}

def bake_for_minutes(oven: Oven, bakingPan: BakingPan, time: Int) {
  oven.insert(bakingPan, 2);
  wait(time);
  oven.remove(bakingPan);
}
```