



```
5 while (q.length) {
6   operate(g, sup);
7   let cur = q.shift(), next = g.get(cur) || [];
8   for (const child of next) {
9     if (sup.has(child)) continue;
10    sup.add(child);
11    q.push(child);
12  }
13 }
14 for (const e of sup) {
15   if (g.has(e)) res.add(e);
16 }
17 return [...res];
18 };
19
20 const operate = (g, sup) => {
21   for (const [s, a] of g) {
22     if (canMake(a, sup)) sup.add(s);
23   }
24 };
25
26 const canMake = (ingredient, sup) => {
27   for (const e of ingredient) {
28     if (!sup.has(e)) return false;
29   }
30   return true;
31 };
```

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