```
[[1.3], [0.2], [1.3], [0.2]]
                            [[[.2.3].[0.2].[0.1.3].[0.2]]
const for = (graph. v=0, label=0, visited=9)=> 9
     if ( v in visited) {
        return label = == visited tv];
      3. visited[v]=labelj
      for (const u in graph[v]) {
          if (! fn(graph, u, (label+1)% z, visited)) {
             return false;
                              fails didn't handle disconnected components!
       return true;
```

```
[(1.3), [0.2], [1.3], [0.2]]
                              [[1.2.3].[0.2].[0.1.3].[0.2]]
const is Bipartite = (grouph) => 5.
    Const n = graph. length;
     conse visited = {);
     for (leti=o; icn; i+t) {
        if (! (i in visited)) 9
            if (!dfs(graph, i, o, visited)) {
              rcturn false;
 function dfs(graph, u. label, visited) {
     if ( u in visited ) {
      return label = == visited [u];

visited [u] = label;
```

```
for (const v of graph [u]) {

if (! dfs (graph, v, (label + 1)% 2, visited)) {

return false;
}

return true;
}
```