Find the number of paths in a graph

```java
public int countComponents(int n, int[][] edges) {

    if(n <= 1) return n;

    HashMap<Integer, List<Integer>> hm = new HashMap<>();

    for(int i = 0; i < n; i++) hm.put(i, new ArrayList<>());

    for(int[] i : edges){

        hm.get(i[0]).add(i[1]);

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    }

    HashSet<Integer> hs = new HashSet<>();

    int count = 0;

    for(int i = 0; i < n; i++){

        if(hs.add(i)){

            dfs(i, hs, hm);

            count++;

        }

    }

    return count;

}

public void dfs(int i, HashSet<Integer> hs, HashMap<Integer, List<Integer>> hm){

    for(int j : hm.get(i)){

        if(hs.add(j)){

            dfs(j, hs, hm);

        }

    }

}
```