python写了一遍代码，然后java，都有问题。

```python
def dispasolution(path):
    print(" {",end="")
    for i in path:
        print(i,end="")
    print("}",end="")

def dfs(a,n,i,path):
    if(i==n):
        dispasolution(path)
        return
    else:
        dfs(a,n,i+1,path)
        path.append(a[i])
        dfs(a,n,i+1,path)

if __name__=='__main__':
    a = [1,2,3]
    n = len(a)
    path=[]
    dfs(a,n,0,path)
```

```java
class Solution {

    List<List<Integer>> sets = new ArrayList<>();
    public List<List<Integer>> subsets(int[] nums) {
        List<Integer> sub = new ArrayList<>();
        dfs(nums,nums.length,0,sub);
        return sets;
    }
    public void dfs(int[] nums,int n,int i,List<Integer> sub){
        if(i==n){
            sets.add(sub);
            sub.clear();
            return;
        }else{
            dfs(nums,n,i+1,sub);
            sub.add(nums[i]);
            dfs(nums,n,i+1,sub);
        }
    }
}
```