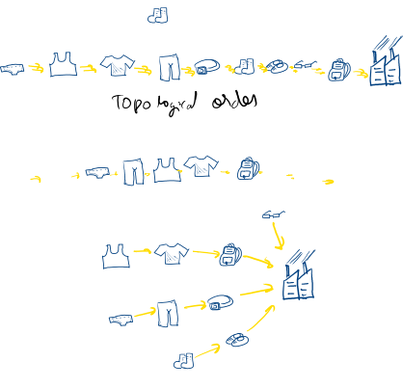

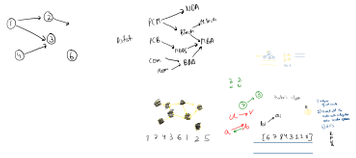

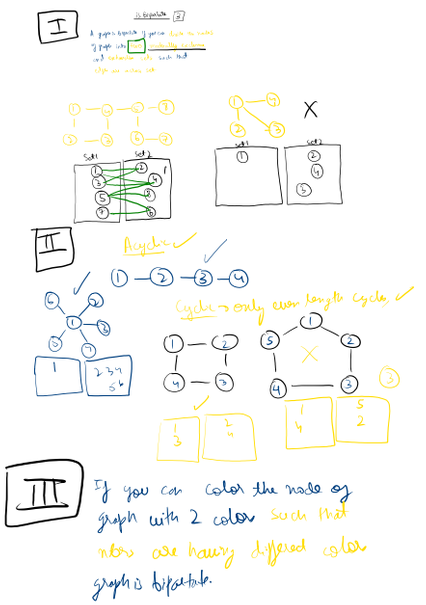

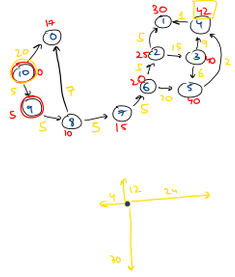

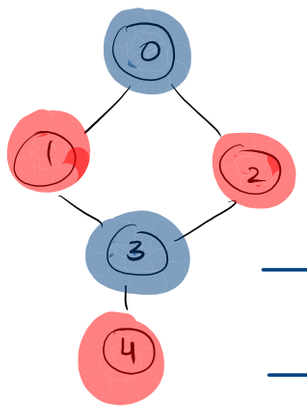

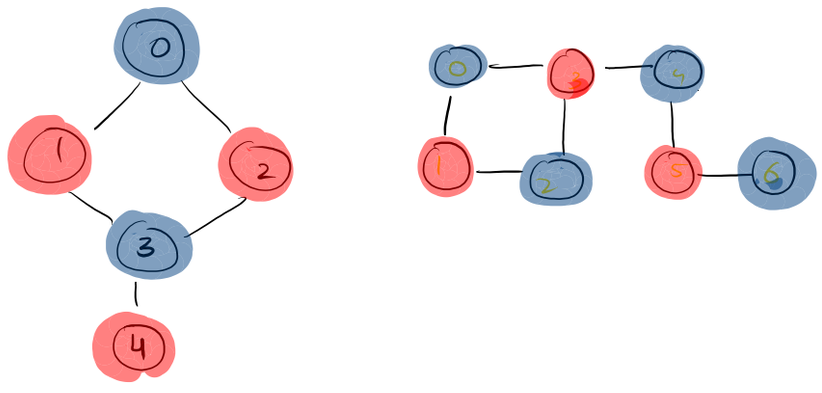

```
public boolean isBipartate(ArrayList<ArrayList<Integer>> grap
    Queue<Pair> q= new LinkedList<>();
    q.add(new Pair(src,1));//Ill try to color 1 with color

    while(q.size() > 0){
        Pair curr = q.remove();

        if(vis[curr.node] !=0)   continue;
        vis[curr.node] = curr.color;

        int oppColor = curr.color == 1 ? -1 : 1;

        for(int nbr: graph.get(curr.node)){
            if(vis[nbr]== 0){
                q.add(new Pair(nbr,oppColor));
            }else if(vis[nbr] == curr.color) return false;
        }
    }
    return true;
}
```