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```
1. 有一个扁平的数组描述了一系列的地理信息,类似于:
var locationList = [
 { id: 0, name: "中国" },
 { id: 1, pid: 0, name: "广东省" },
 { id: 2, pid: 1, name: "深圳市" },
 { id: 3, pid: 1, name: "广州市" },
]
其中每个节点的 `pid` 指向了它所属上级地区。现在要求你把这个数组转换成树状结构:
var locationTree = buildLocationTree(locationList);
console.log(locationTree);
其中 `locationTree` 的结构应该如下:
interface LocationTree {
  root: LocationNode;
}
interface LocationNode {
  id: number;
  pid?: number; // 问号表示可选属性
  name: string;
  subLocations?: LocationNode[];
}
```

请实现 `buildLocationTree()`,输出的父节点里面包含子节点的数组

2、有10000条消息,每个消息timestamp字段,请排序(不可以使用sort函数)				
[{"eventId":2498858,"timestamp":1463569008327,"user":"auto},]				

## 3、请用正则表达式精确匹配出字符传中的uin(数字)

 $var\ cookie = \text{`PHPSESSID=0} \\ kvneb776baqhf58o2tm2c94e5; \ pgv\_pvi=9051466752; \ pgv\_si=s7186281472; \\ qcloud\_visitId=a4855986717854a66aa83f24d3354709; \ qcloud\_uid=6d95ce375053a1b31d00fce7af9ba02c; \\ pv\_uid=257127f177879f702fe6ef94b9d76cb2; \\ pv\_land=http\%3A\%2F\%2Fpassport.qcloud.com\%2Findex.php \\ .$ 

\_ga=GA1.2.516642758.1463555939;monitorouin=1e19%2BwNnG39Skt0uEiG%2FuMZCqIknLcLH6qt0aj0x ngVjhx7jWWVKewYVkBnbC0PmF4I;monitorappid=8af3cU8qz4kqPoYzLCGRXhLcHpW2w%2BACTZuwj aw%2Fh2PMUBz0yIgdTMG5S5guq7qSygo;ptui\_loginuin=3052202501%20;pt2gguin=o3052202501;uin=o3052202501;ptisp=ctc;ptcz=9aa1cf3992c8ed2b581f04d51333f0f0b79adfc74e494daa5ad73703d16f93ff;userinfo=reg%3D1%26un%3Dpolo;nodesess=s%3AO2gAWpD7S4wN9gAu2rYM2Xvf.wq26bg5tscM%2F3X9FEpx86K0rzF5w%2BbDRetkKugR19I0; nick=polo; appid=1251000011; moduleId=1251000011; ownerUin=2407912486; regionId=1