

拓扑排序

答案存储在ans中，ans_i记录排出的节点个数

若答案个数与n不相等则有环

```
int count = 0;
int Topo_node[MAXN],ans[MAXN],ans_i=0;
void Topological_Sort_max()
{
    // 《序号, 拓扑序》
    priority_queue<int> indeg_0;
    int* ans = new int[n + 1]; int ans_i = 0;
    //这里决定优先输出编号大的节点
    for (int i = 0;i<nod.size();i++)
    {
        it = nod[i];
        int i = it.first;
        Topo_node[i] = nod[i].in_deg;
        if (nod[i].in_deg == 0) indeg_0.push(i);
    }
    while (!indeg_0.empty())
    {
        node p = nod[indeg_0.top()];
        ans[ans_i++] = indeg_0.top();
        indeg_0.pop();

        for (int i=0;i<p.e.size();i++)
        {
            e = p.e[i]
            if (--Topo_node[e.v] == 0)
            {
                count++;
                indeg_0.push(e.v);
            }
        }
    }
}
```