使用PETR图寻找关键路径

301算法研究所 @身经百战的扬州人形

芜湖计划

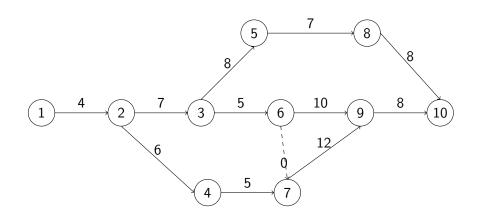
https://github.com/Lixinyi-DUT/Project-Wuhu

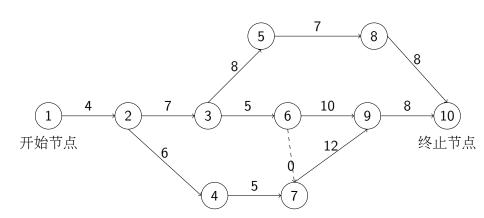
2015年6月25日

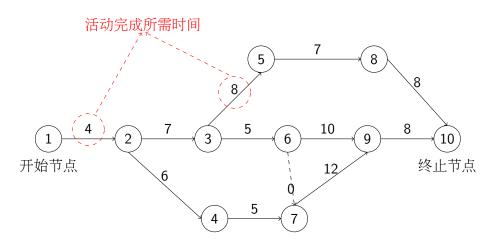
作业时间

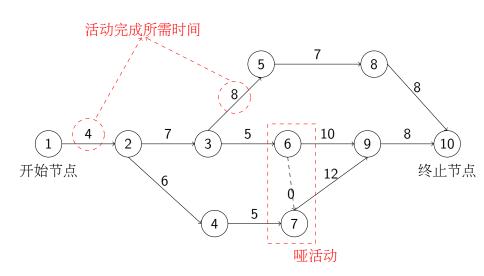
作业i	作业j	所需天数
1	2	4
2	2 3 4	7
2		6
2 2 3 3 4 5 6	5 6 7	8
3	6	5
4	7	5
5	8	7
	9 9	10
7	9	12
8	9	8
9	10	8

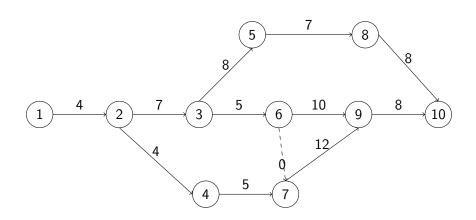
Table: 作业i到j需要的时间

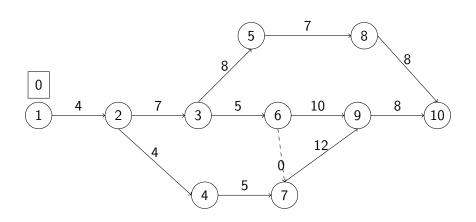


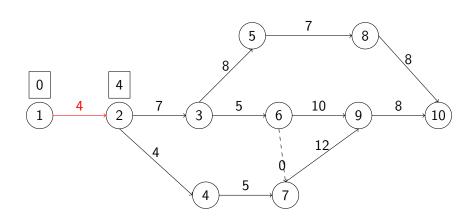


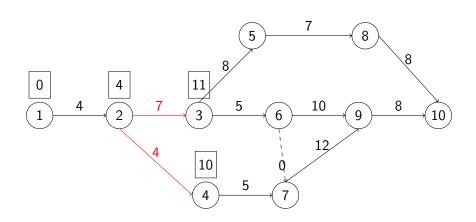


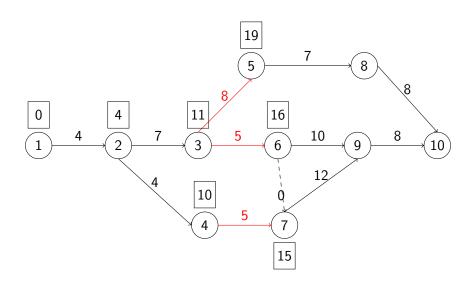


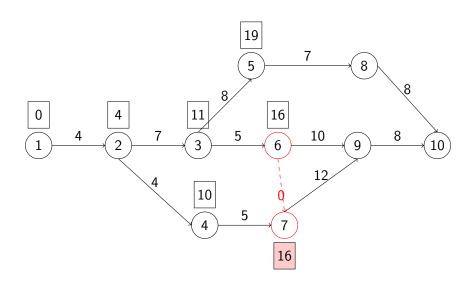


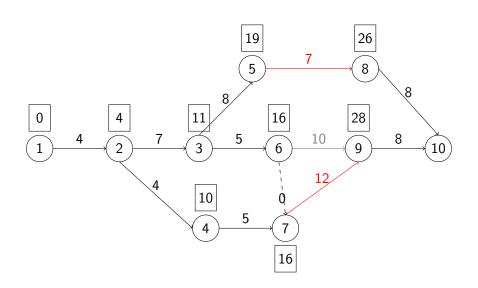


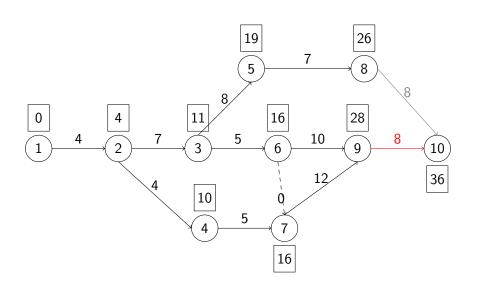




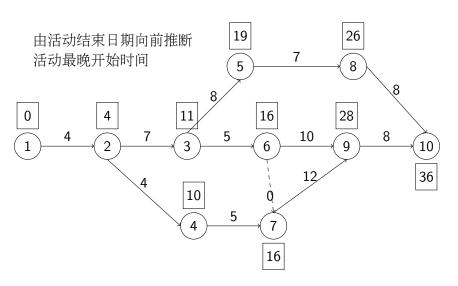


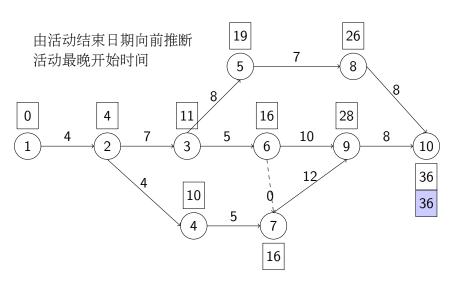


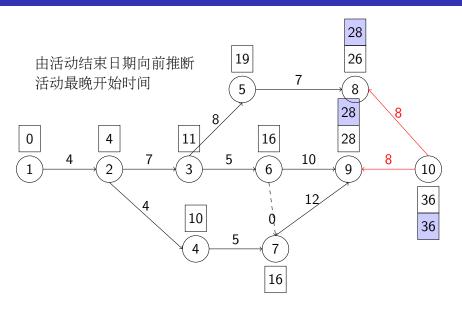


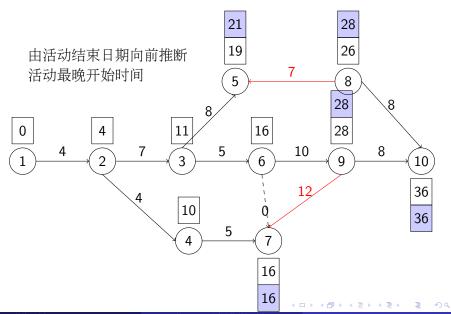


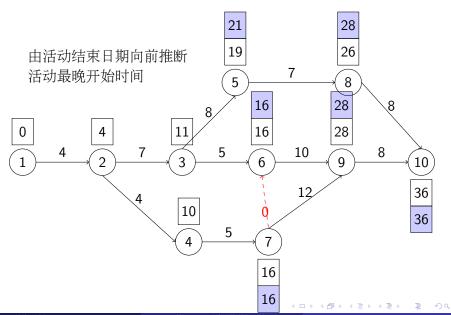
路径(path) 从开始节点到终止节点沿箭头方向可以到达的路线路径长度(path length) 路线上所有作业天数之和关键路径(critical path) 项目中最长的路径,是必须经过的路径,决定了整个项目的工期

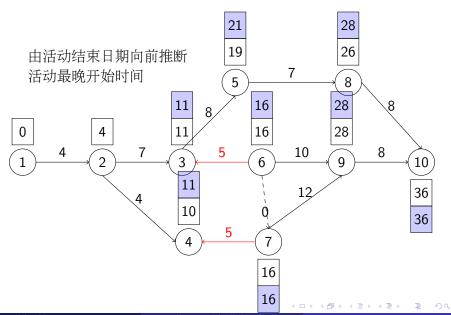


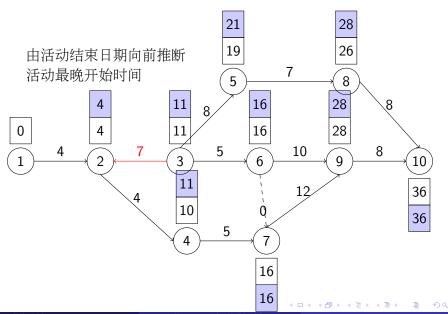


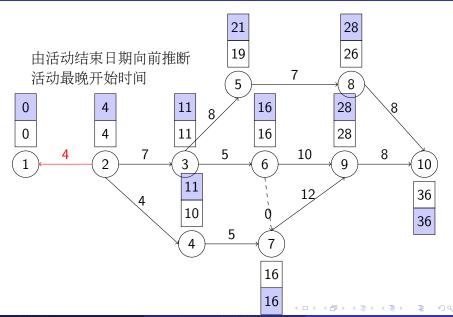


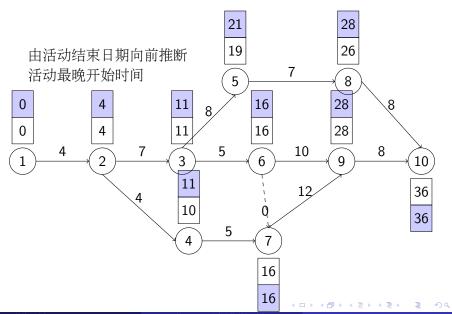


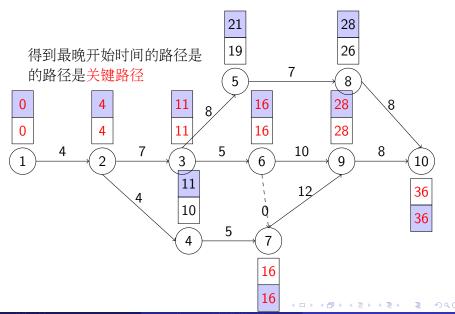


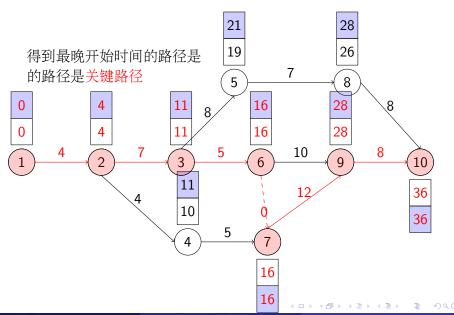












最早开始时间与最晚开始时间

作业	最早开始时间	最晚开始时间
1	0	0
2	4	4
3	11	11
4	10	11
5	19	21
6	16	16
7	16	16
8	26	28
9	28	28
10	36	36

Table: 活动开始时间