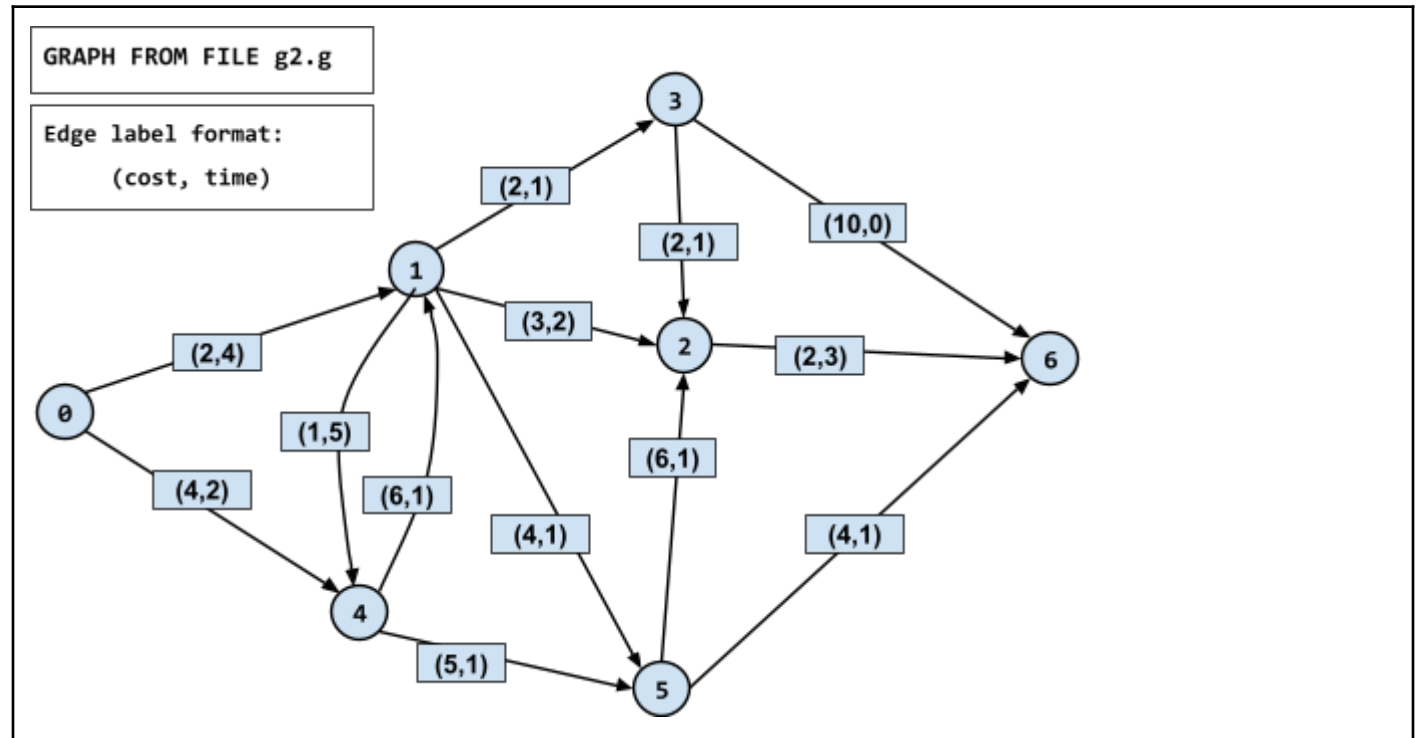


## Worksheet for Prog2 Warmup

Task: simulate the described algorithm to populate the  $P[]$  lists with resulting option lists / tradeoff curves. (Source vertex: 0).

On a separate sheet, maintain and update the priority queue entries. Submit both this page and your sheet maintaining the priority queue (granted, the separate sheet is kind of scratch work, but submit it anyhow).

A short video will be posted to get you started.



$P[0]$	0,0
$P[1]$	2,4 10,3
$P[2]$	5,6 13,5 15,4
$P[3]$	4,5 12,4
$P[4]$	3,9 4,2
$P[5]$	6,5 9,3
$P[6]$	7,9 10,6 13,4

0,0,0 remove 1  
2,4,1 remove 2  
4,2,4 remove 4  
3,9,4 remove 3  
5,6,2 remove 6  
6,5,5 remove 7  
4,5,3 remove 5  
10,3,1 remove 10  
9,3,5 remove 9  
14,5,6 remove 16 discard  
7,9,6 remove 8  
10,6,6 remove 11  
15,4,2 remove 15  
13,4,6 remove 13  
12,4,3 remove 12  
13,5,2 remove 14