

# Worksheet for Prog2 Warmup

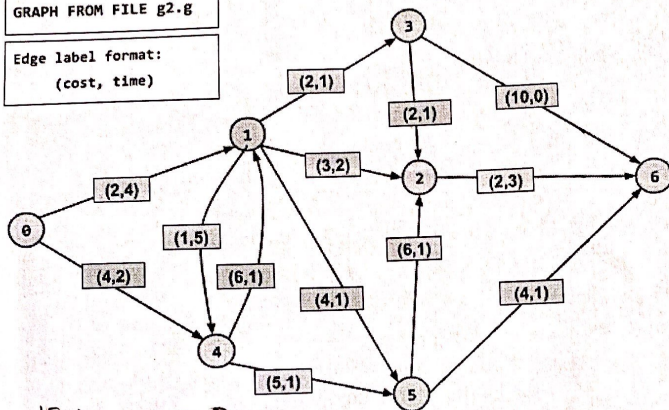
Task: simulate the described algorithm to populate the  $P[]$  lists with resulting option lists / tradeoff curves. (Source vertex: 0).

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.

GRAPH FROM FILE g2.g

Edge label format:  
(cost, time)



for  $src = 0$

$P[0]$	$\langle 0, 0 \rangle$
$P[1]$	$\langle 2, 4 \rangle$
$P[2]$	$\langle 5, 6 \rangle \langle 6, 6 \rangle$
$P[3]$	$\langle 4, 5 \rangle \langle 4, 2 \rangle$
$P[4]$	$\langle 3, 9 \rangle \langle 4, 2 \rangle$
$P[5]$	$\langle 6, 5 \rangle \langle 9, 3 \rangle$
$P[6]$	$\langle 7, 9 \rangle \langle 0, 8 \rangle \langle 4, 5 \rangle$