Algorithm for computing the latest scheduling project duration = 10 durations[x][0]

	x	sem	key	preq[key]	val	auxiliary durations	y	preq[y]	val 2	maximum	duration
it. 1	2	1	0	inf							
			1	6	6						
			2	3,6	3						
					6						
			3	4,6	4						
					6						
			4	5	5						
			5	inf							
			6	0,5	0						
					5						
			7	6	6	0 1 2 3 4 5 6 7 1 | 2 | 9,10 | 2 | 1 | 2 | 5 | 1					$\lambda = 1$
it. 2	7	1	0	inf							
			1	6	6						
			2	3,6	3						
					6						
			3	4,6	4						
					6						
			4	5	5						
			5	inf							
			6	0,5	0						
					5						
			7	6	6	0 1 2 3 4 5 6 7 1 | 2 | 9,10 | 2 | 1 | 2 | 5 | 9,10					$\lambda = 1$
it. 3	3	1	0	inf							
			1	6	6						
		0	2	3,6	3						
					6						
			3	4,6	4						
					6						
			4	5	5						

	x	sem	key	pcsg[key]	val	auxiliary durations	y	pcsg[y]	val2	maximum	duration
it.3	3	0	5	inf	0		2	3,6	3	m = 11	
			6	0,5	5					m = 9	
			4	6	6		7	6	6		
							3	4,6	4		
									6		
							1	6	6		
							6	0,5	0		
									5		
							4	5	5		
						0 1 2 3 4 5 6 7	5	inf			
						1 2 9,10 7,9 1 2 5 9,10	0	inf			d = 2
it.4	1	1	0	inf	6						
			1	6	3						
			2	3,6	6						
			3	4,6	4						
					6						
			4	5	5						
			5	inf							
			6	0,5	0						
					5						
			7	6	6	0 1 2 3 4 5 6 7					d = 2
						1 8,10 9,10 7,9 1 2 5 9,10					
it.5	6	1	0	inf	6						
		0	1	6	3						
			2	3,6	6						
		0	3	4,6	4						
					6						
		0	4	5	5						
			5	inf							

	x	sem	key	preg[key]	val	auxiliary durations	y	preg[y]	val2	maximum	duration
it.5	6	0	6	0,5	0						
		0	7	6	5						
					6		2	3,6	3	m = 11	
									6	m = 9	
							7	6	6		
							3	4,6	4		
									6	m = 7	
							1	6	6		
							6	0,5	0		
									5		
							4	5	5		
						0 1 2 3 4 5 6 7	5	inf			
						1 | 8,10 | 9,10 | 4,9 | 1 | 2 | 2,7 | 9,10	0	inf			d = 5
it.6.	4	1	0	inf	6						
			1	6	3						
			2	3,6	6						
		0	3	4,6	4						
					6						
			4	5	5						
			5	inf							
			6	0,5	0						
			7	6	5						
					6		2	3,6	3	m = 11	
									6		
							7	6	6		
							3	4,6	4	m = 7	
									6		
							1	6	6		
							6	0,5	0		
									5		
							4	5	5		
						0 1 2 3 4 5 6 7	5	inf			d = 1
						1 | 8,10 | 9,10 | 4,9 | 6,7 | 2 | 2,7 | 9,10	0	inf			

	x	sem	key	pseq[key]	val	auxiliary durations	y	pseq[y]	val 2	maximum	duration
it 4.	5	1	0	inf	6						
			1	6	3						
			2	3, 6	6						
			3	4, 6	4						
					6						
		0	4	5	5						
			5	inf	0						
			6	0, 5	5						
		0	7	6	6		2	3, 6	3	m = 11	
									6		
							7	6	6		
							3	4, 6	4		
									6		
							1	6	6		
							6	0, 5	0		
									5	m = 2	
							4	5	5		
						0 1 2 3 4 5 6 7	5	inf			d = 2
						1 | d,10 | 9,10 | 7,9 | 6,7 | 0,2 | 2,7 | 9,10	0	inf			
it. 8	0	1	0	inf	6						
			1	6	3						
			2	3, 6	6						
			3	4, 6	4						
					6						
			4	5	5						
			5	inf	0						
		0	6	0, 5	5						
			7	6	6						

	x	sem	key	preg[key]	val	auxiliary durations	y	preg[y]	val 2	minimum	duration
	0	0					2	3, 6	3	m = 11	
									6		
it. 8							4	6	6		
							3	4, 6	4		
									6		
							1	6	6		
							6	0, 5	0	m = 2	
									5		
							4	5	5		
						0 1 2 3 4 5 6 7	5	inf			
						1,2 | 8,10 | 9,10 | 7,9 | 6,7 | 0,2 | 2,7 | 9,10	0	inf			d = 1
						STOP					

The earliest scheduling:

project duration = 10

0: 0 1
1: 7 9
2: 9 10
3: 7 9
4: 2 3
5: 0 2
6: 2 7
7: 7 8

The latest scheduling:

0: 1 2
1: 8 10
2: 9 10
3: 7 9
4: 6 7
5: 0 2
6: 2 7
7: 9 10

The critical activities:

2, 3, 5, 6