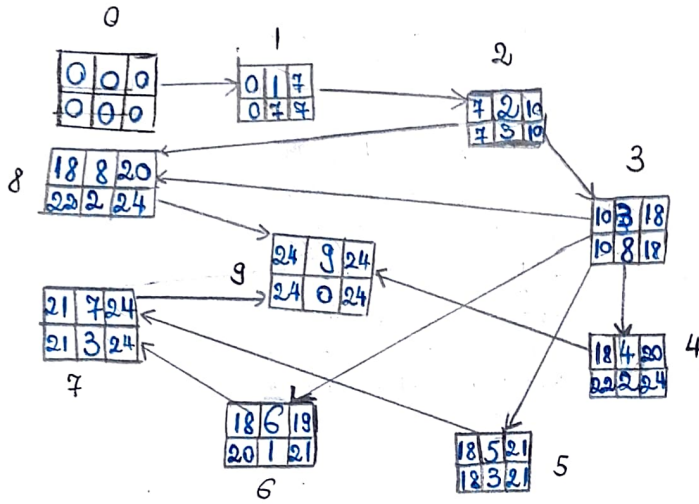


Lab 4 - manual execution

Activities :

Activity	Duration	Prerequisites
1	7	-
2	3	1
3	8	2
4	2	3
5	3	3
6	1	3
7	3	5, 6
8	2	2, 3



	X, y	degree: dictionary	g: queue	sorted: list
initialization		1 2 3 4 5 6 7 8 0 1 1 1 1 1 2 2	← 1 ←	[]
iteration 1	X=1 y=2	1 2 3 4 5 6 7 8 0 0 1 1 1 1 2 2	← ← ← 2 ←	[1]
iteration 2	X=2 y=3 y=8	1 2 3 4 5 6 7 8 0 0 0 1 1 1 2 2	← ← ← 3 ←	[1, 2]
iteration 3	X=3 y=4 y=5 y=6 y=8	1 2 3 4 5 6 7 8 0 0 0 0 0 0 2 0	← ← ← 4 5 6 8 ←	[1, 2, 3]
iteration 4	X=4	1 2 3 4 5 6 7 8 0 0 0 0 0 0 2 0	← 5 6 8 ←	[1, 2, 3, 4]
iteration 5	X=5 y=7	1 2 3 4 5 6 7 8 0 0 0 0 0 0 1 0	← 6 8 ←	[1, 2, 3, 4, 5]
iteration 6	X=6 y=7	1 2 3 4 5 6 7 8 0 0 0 0 0 0 0 0	← 8 ← ← 7 ←	[1, 2, 3, 4, 5, 6]
iteration 7	X=8	1 2 3 4 5 6 7 8 0 0 0 0 0 0 0 0	← 7 ←	[1, 2, 3, 4, 5, 6, 8]
iteration 8	X=7	1 2 3 4 5 6 7 8 0 0 0 0 0 0 0 0	← ← stop	[1, 2, 3, 4, 5, 6, 8, 7]

Adding node 0 and 9, sorted will be: $[0, 1, 2, 3, 4, 5, 6, 8, 7, 9]$

id	vertex	early_start_time	early_end_time
init	—	0 1 2 3 4 5 6 7 8 9 0 0 0 0 0 0 0 0 0 0	0 1 2 3 4 5 6 7 8 9 0 0 0 0 0 0 0 0 0 0
1	1	0 1 2 3 4 5 6 7 8 9 0 0 0 0 0 0 0 0 0 0	0 1 2 3 4 5 6 7 8 9 0 7 0 0 0 0 0 0 0 0
2	2	0 1 2 3 4 5 6 7 8 9 0 0 7 0 0 0 0 0 0 0	0 1 2 3 4 5 6 7 8 9 0 7 10 0 0 0 0 0 0 0
3	3	0 1 2 3 4 5 6 7 8 9 0 0 7 10 0 0 0 0 0 0	0 1 2 3 4 5 6 7 8 9 0 7 10 18 0 0 0 0 0 0
4	4	0 1 2 3 4 5 6 7 8 9 0 0 7 10 18 0 0 0 0 0	0 1 2 3 4 5 6 7 8 9 0 7 10 18 20 0 0 0 0 0
5	5	0 1 2 3 4 5 6 7 8 9 0 0 7 10 18 18 0 0 0 0	0 1 2 3 4 5 6 7 8 9 0 7 10 18 20 21 0 0 0 0
6	6	0 1 2 3 4 5 6 7 8 9 0 0 7 10 18 18 18 0 0 0	0 1 2 3 4 5 6 7 8 9 0 7 10 18 20 21 18 0 0 0
7	8	0 1 2 3 4 5 6 7 8 9 0 0 7 10 18 18 18 0 18 0	0 1 2 3 4 5 6 7 8 9 0 7 10 18 20 21 18 0 20 0
8	7	0 1 2 3 4 5 6 7 8 9 0 0 7 10 18 18 18 21 18 0	0 1 2 3 4 5 6 7 8 9 0 7 10 18 20 21 19 24 20 0
9	9	0 1 2 3 4 5 6 7 8 9 0 0 7 10 18 18 18 21 18 24	0 1 2 3 4 5 6 7 8 9 0 7 10 18 20 21 19 24 20 24