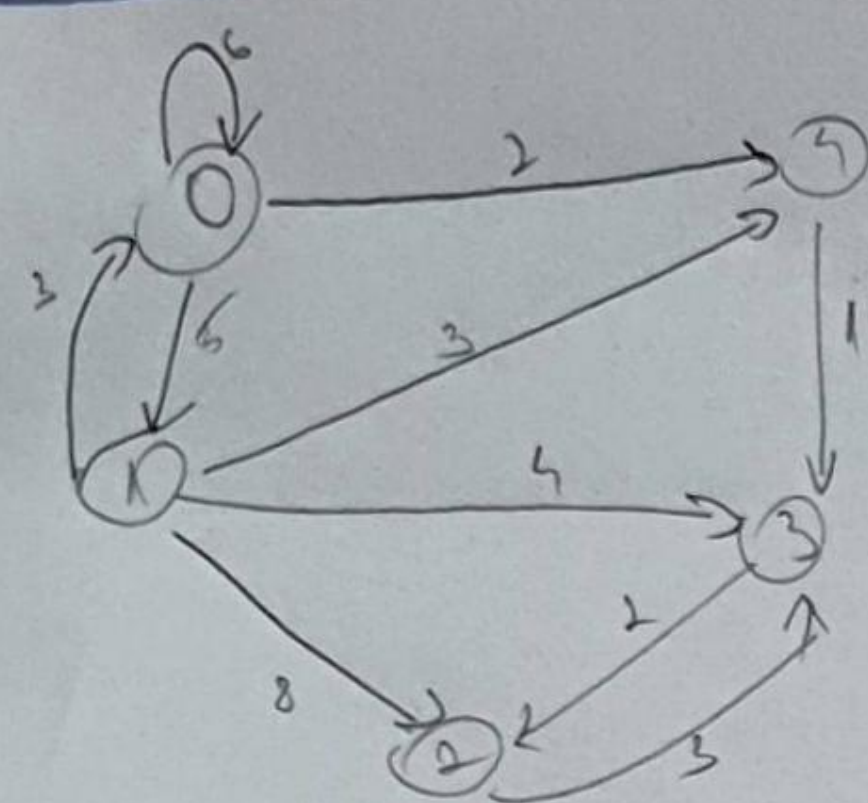


Lab 3 Minimum cost walk for a small graph (there isn't any walk)



start-vertex = 2
end-vertex = 0

Dict costs:

- (0,0): 6
- (0,1): 5
- (0,4): 2
- (1,0): 3
- (1,2): 8
- (1,3): 4
- (1,4): 3
- (3,2): 2
- (2,3): 3
- (4,3): 1

found	x	y	dist dict	new dict	priority queue	path
False			<div> 01234 0∞∞∞∞ </div>	<div> 01234 -1-1-1-1-1 </div>	[(0,0)]	[]
False	0	0			[]	[]
False	0	1	<div> 03∞∞∞ 01234 </div>	<div> -10-1-1-1 01234 </div>	[(1,3)]	[]
False	1	0	<div> 03∞∞∞ 01234 </div>	<div> 01234 -10-1-1-1 </div>	[]	[]

priority-queue.is-empty() != True => out of while

new[2] == -1 True => raise GraphException()

output: "There is no walk between the two vertices"

Rasmita Rader
group 916