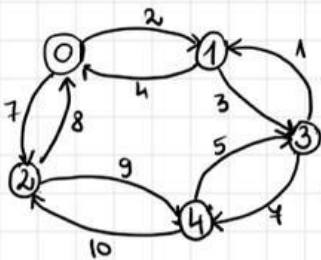


# Homework nr 3 – backwards Dijkstra

Chereji Iulia Maria – group 912/1

## Hw 3 – ex 2. – backwards Dijkstra

$\rightarrow v_1$  – starting node = 0 ;  $\rightarrow v_2$  – ending node = 4



	x	y	distance : dict	priority-queue	next : dict																				
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iteration 4	0			$x = 0 = v_1 \Rightarrow \text{stop}$																					

The minimum cost walk from  $v_1 = 0$  to  $v_2 = 4$  has the cost = dict[0] = 12 and is build using the next dictionary:  $0 \xrightarrow{2} 1 \xrightarrow{3} 3 \xrightarrow{7} 4$ .